

Table S2. The ratio of homologous between genomes

Strain A	Strain B	Percentage of homologous genes
Listeria_welshimeri_1643	Listeria_grayi_1641	0.7021
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_grayi_1641	0.7019
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_grayi_1641	0.7092
Listeria_seeligeri_FSL_S4-171_702452	Listeria_grayi_1641	0.6579
Listeria_seeligeri_FSL_N1-067_702453	Listeria_grayi_1641	0.6717
Listeria_seeligeri_1640_v1	Listeria_grayi_1641	0.7081
Listeria_seeligeri_1640	Listeria_grayi_1641	0.6948
Listeria_monocytogenes_WSLC1042_1457188	Listeria_grayi_1641	0.7077
Listeria_monocytogenes_WSLC1001_1457187	Listeria_grayi_1641	0.7108
Listeria_monocytogenes_SLCC7179_879090	Listeria_grayi_1641	0.7125
Listeria_monocytogenes_SLCC5850_882096	Listeria_grayi_1641	0.7138
Listeria_monocytogenes_SLCC2755_932919	Listeria_grayi_1641	0.7053
Listeria_monocytogenes_SLCC2540_879089	Listeria_grayi_1641	0.7087
Listeria_monocytogenes_SLCC2479_882020	Listeria_grayi_1641	0.7032
Listeria_monocytogenes_SLCC2378_879088	Listeria_grayi_1641	0.7088
Listeria_monocytogenes_SLCC2376_882097	Listeria_grayi_1641	0.7212
Listeria_monocytogenes_SLCC2372_932920	Listeria_grayi_1641	0.7017
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_grayi_1641	0.7121
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_grayi_1641	0.6927
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_grayi_1641	0.7121
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_grayi_1641	0.7185
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_grayi_1641	0.7005
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_grayi_1641	0.7014
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_grayi_1641	0.702
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_grayi_1641	0.7014
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_grayi_1641	0.7128
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_grayi_1641	0.7128
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_grayi_1641	0.7025
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_grayi_1641	0.7025
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_grayi_1641	0.7025
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_grayi_1641	0.7027
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_grayi_1641	0.7035
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_grayi_1641	0.7035
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_grayi_1641	0.7002
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_grayi_1641	0.7002
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_grayi_1641	0.6952
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_grayi_1641	0.6952
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_grayi_1641	0.6994
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_grayi_1641	0.6984
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_grayi_1641	0.6997
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_grayi_1641	0.7131
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_grayi_1641	0.7131
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_grayi_1641	0.6997
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_grayi_1641	0.7
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_grayi_1641	0.7
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_grayi_1641	0.7208
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_grayi_1641	0.7208
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_grayi_1641	0.6963
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_grayi_1641	0.6998
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_grayi_1641	0.7075
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_grayi_1641	0.7075
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_grayi_1641	0.7067
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_grayi_1641	0.6997
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_grayi_1641	0.6963
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_grayi_1641	0.6963
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_grayi_1641	0.6963
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_grayi_1641	0.6997
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_grayi_1641	0.6994
Listeria_monocytogenes_R479a_1437838	Listeria_grayi_1641	0.7071
Listeria_monocytogenes_N53-1_1234142	Listeria_grayi_1641	0.6811
Listeria_monocytogenes_M7_1030009	Listeria_grayi_1641	0.6933
Listeria_monocytogenes_LO28_393132	Listeria_grayi_1641	0.7021
Listeria_monocytogenes_L99_563174	Listeria_grayi_1641	0.6938
Listeria_monocytogenes_L312_882094	Listeria_grayi_1641	0.7185
Listeria_monocytogenes_J1816_930781	Listeria_grayi_1641	0.6987
Listeria_monocytogenes_J1-220_930782	Listeria_grayi_1641	0.698
Listeria_monocytogenes_J0161_393130	Listeria_grayi_1641	0.7012
Listeria_monocytogenes_HCC23_552536	Listeria_grayi_1641	0.6935
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_grayi_1641	0.702
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_grayi_1641	0.7082
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_grayi_1641	0.7076
Listeria_monocytogenes_Finland_1998_393127	Listeria_grayi_1641	0.7167
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_grayi_1641	0.7096
Listeria_monocytogenes_EGD-e_169963	Listeria_grayi_1641	0.71
Listeria_monocytogenes_EGD_1334565	Listeria_grayi_1641	0.7145
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_grayi_1641	0.7147
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_grayi_1641	0.7124
Listeria_monocytogenes_ATCC_19117_882095	Listeria_grayi_1641	0.7123
Listeria_monocytogenes_6179_1288295	Listeria_grayi_1641	0.6994
Listeria_monocytogenes_1639_v9	Listeria_grayi_1641	0.6861
Listeria_monocytogenes_1639_v99	Listeria_grayi_1641	0.7047
Listeria_monocytogenes_1639_v98	Listeria_grayi_1641	0.704
Listeria_monocytogenes_1639_v97	Listeria_grayi_1641	0.705
Listeria_monocytogenes_1639_v96	Listeria_grayi_1641	0.7022
Listeria_monocytogenes_1639_v95	Listeria_grayi_1641	0.7023
Listeria_monocytogenes_1639_v94	Listeria_grayi_1641	0.7025
Listeria_monocytogenes_1639_v93	Listeria_grayi_1641	0.7066
Listeria_monocytogenes_1639_v92	Listeria_grayi_1641	0.7036

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Listeria_monocytogenes_1639_v106	Listeria_grayi_1641	0.7116
Listeria_monocytogenes_1639_v105	Listeria_grayi_1641	0.7116
Listeria_monocytogenes_1639_v104	Listeria_grayi_1641	0.7118
Listeria_monocytogenes_1639_v103	Listeria_grayi_1641	0.7118
Listeria_monocytogenes_1639_v102	Listeria_grayi_1641	0.7059
Listeria_monocytogenes_1639_v101	Listeria_grayi_1641	0.7071
Listeria_monocytogenes_1639_v100	Listeria_grayi_1641	0.7066
Listeria_monocytogenes_1639	Listeria_grayi_1641	0.7216
Listeria_monocytogenes_10403S_393133	Listeria_grayi_1641	0.7159
Listeria_monocytogenes_08-5923_637381	Listeria_grayi_1641	0.6997
Listeria_monocytogenes_08-5578_653938	Listeria_grayi_1641	0.698
Listeria_monocytogenes_07PF0776_1126011	Listeria_grayi_1641	0.7114
Listeria_marthii_FSL_S4-120_702457	Listeria_grayi_1641	0.675
Listeria_marthii_529731_v1	Listeria_grayi_1641	0.6993
Listeria_marthii_529731	Listeria_grayi_1641	0.7076
Listeria_ivanovii_WSLC3009_1457190	Listeria_grayi_1641	0.7074
Listeria_ivanovii_subsp_londoniensis_202752_v2	Listeria_grayi_1641	0.7062
Listeria_ivanovii_subsp_londoniensis_202752_v1	Listeria_grayi_1641	0.6972
Listeria_ivanovii_subsp_londoniensis_202752	Listeria_grayi_1641	0.7017
Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	Listeria_grayi_1641	0.7067
Listeria_ivanovii_subsp_ivanovii_202751_v2	Listeria_grayi_1641	0.708
Listeria_ivanovii_subsp_ivanovii_202751_v1	Listeria_grayi_1641	0.708
Listeria_ivanovii_subsp_ivanovii_202751	Listeria_grayi_1641	0.708
Listeria_ivanovii_FSL_F6-596_702454	Listeria_grayi_1641	0.6529
Listeria_ivanovii_1638	Listeria_grayi_1641	0.7077
Listeria_innocua_FSL_S4-378_702456	Listeria_grayi_1641	0.648
Listeria_innocua_FSL_J1-023_702455	Listeria_grayi_1641	0.6805
Listeria_innocua_Clip11262_272626	Listeria_grayi_1641	0.6909
Listeria_innocua_1642_v4	Listeria_grayi_1641	0.6922
Listeria_innocua_1642_v3	Listeria_grayi_1641	0.7061
Listeria_innocua_1642_v2	Listeria_grayi_1641	0.7071
Listeria_innocua_1642_v1	Listeria_grayi_1641	0.71
Listeria_innocua_1642	Listeria_grayi_1641	0.706
Listeria_grayi_DSM_20601_525367	Listeria_grayi_1641	1
Listeria_grayi_1641_v2	Listeria_grayi_1641	0.9062
Listeria_grayi_1641_v1	Listeria_grayi_1641	0.8932
Listeria_grayi_1641	Listeria_grayi_1641	0.0533
Listeria_welshimeri_1643	Listeria_grayi_1641_v1	0.6674
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_grayi_1641_v1	0.6673
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_grayi_1641_v1	0.6731
Listeria_seeligeri_FSL_S4-171_702452	Listeria_grayi_1641_v1	0.6219
Listeria_seeligeri_FSL_N1-067_702453	Listeria_grayi_1641_v1	0.6286
Listeria_seeligeri_1640_v1	Listeria_grayi_1641_v1	0.6705
Listeria_seeligeri_1640	Listeria_grayi_1641_v1	0.6609
Listeria_monocytogenes_WSLC1042_1457188	Listeria_grayi_1641_v1	0.675
Listeria_monocytogenes_WSLC1001_1457187	Listeria_grayi_1641_v1	0.6728
Listeria_monocytogenes_SLCC7179_879090	Listeria_grayi_1641_v1	0.6759
Listeria_monocytogenes_SLCC5850_882096	Listeria_grayi_1641_v1	0.6755
Listeria_monocytogenes_SLCC2755_932919	Listeria_grayi_1641_v1	0.6718
Listeria_monocytogenes_SLCC2540_879089	Listeria_grayi_1641_v1	0.6776
Listeria_monocytogenes_SLCC2479_882020	Listeria_grayi_1641_v1	0.6699
Listeria_monocytogenes_SLCC2378_879088	Listeria_grayi_1641_v1	0.6756
Listeria_monocytogenes_SLCC2376_882097	Listeria_grayi_1641_v1	0.6837
Listeria_monocytogenes_SLCC2372_932920	Listeria_grayi_1641_v1	0.6688
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_grayi_1641_v1	0.6773
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_grayi_1641_v1	0.6563
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_grayi_1641_v1	0.6769
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_grayi_1641_v1	0.6804
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_grayi_1641_v1	0.6695
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_grayi_1641_v1	0.6704
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_grayi_1641_v1	0.6709
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_grayi_1641_v1	0.6704
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_grayi_1641_v1	0.6746
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_grayi_1641_v1	0.6746
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_grayi_1641_v1	0.6695
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_grayi_1641_v1	0.6695
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_grayi_1641_v1	0.6695
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_grayi_1641_v1	0.6687
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_grayi_1641_v1	0.6694
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_grayi_1641_v1	0.6694
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_grayi_1641_v1	0.6657
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_grayi_1641_v1	0.6657
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_grayi_1641_v1	0.6594
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_grayi_1641_v1	0.6594
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_grayi_1641_v1	0.6628
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_grayi_1641_v1	0.6618
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_grayi_1641_v1	0.6631
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_grayi_1641_v1	0.6745
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_grayi_1641_v1	0.6745
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_grayi_1641_v1	0.6631
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_grayi_1641_v1	0.6633
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_grayi_1641_v1	0.6633
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_grayi_1641_v1	0.6817
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_grayi_1641_v1	0.6817
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_grayi_1641_v1	0.66
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_grayi_1641_v1	0.6632
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_grayi_1641_v1	0.6713
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_grayi_1641_v1	0.6713
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_grayi_1641_v1	0.6694
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_grayi_1641_v1	0.6631
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_grayi_1641_v1	0.66

Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_grayi_1641_v1	0.66
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_grayi_1641_v1	0.66
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_grayi_1641_v1	0.6631
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_grayi_1641_v1	0.6628
Listeria_monocytogenes_R479a_1437838	Listeria_grayi_1641_v1	0.666
Listeria_monocytogenes_N53-1_1234142	Listeria_grayi_1641_v1	0.6504
Listeria_monocytogenes_M7_1030009	Listeria_grayi_1641_v1	0.66
Listeria_monocytogenes_LO28_393132	Listeria_grayi_1641_v1	0.6678
Listeria_monocytogenes_L99_563174	Listeria_grayi_1641_v1	0.6605
Listeria_monocytogenes_L312_882094	Listeria_grayi_1641_v1	0.6804
Listeria_monocytogenes_J1816_930781	Listeria_grayi_1641_v1	0.6672
Listeria_monocytogenes_J1-220_930782	Listeria_grayi_1641_v1	0.6641
Listeria_monocytogenes_J0161_393130	Listeria_grayi_1641_v1	0.6669
Listeria_monocytogenes_HCC23_552536	Listeria_grayi_1641_v1	0.6603
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_grayi_1641_v1	0.6684
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_grayi_1641_v1	0.6686
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_grayi_1641_v1	0.6737
Listeria_monocytogenes_Finland_1998_393127	Listeria_grayi_1641_v1	0.6789
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_grayi_1641_v1	0.6757
Listeria_monocytogenes_EGD-e_169963	Listeria_grayi_1641_v1	0.6761
Listeria_monocytogenes_EGD_1334565	Listeria_grayi_1641_v1	0.6761
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_grayi_1641_v1	0.6773
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_grayi_1641_v1	0.6766
Listeria_monocytogenes_ATCC_19117_882095	Listeria_grayi_1641_v1	0.6765
Listeria_monocytogenes_6179_1288295	Listeria_grayi_1641_v1	0.6627
Listeria_monocytogenes_1639_v9	Listeria_grayi_1641_v1	0.6549
Listeria_monocytogenes_1639_v99	Listeria_grayi_1641_v1	0.6684
Listeria_monocytogenes_1639_v98	Listeria_grayi_1641_v1	0.668
Listeria_monocytogenes_1639_v97	Listeria_grayi_1641_v1	0.6699
Listeria_monocytogenes_1639_v96	Listeria_grayi_1641_v1	0.6672
Listeria_monocytogenes_1639_v95	Listeria_grayi_1641_v1	0.6677
Listeria_monocytogenes_1639_v94	Listeria_grayi_1641_v1	0.6675
Listeria_monocytogenes_1639_v93	Listeria_grayi_1641_v1	0.6693
Listeria_monocytogenes_1639_v92	Listeria_grayi_1641_v1	0.6678
Listeria_monocytogenes_1639_v91	Listeria_grayi_1641_v1	0.6653
Listeria_monocytogenes_1639_v90	Listeria_grayi_1641_v1	0.668
Listeria_monocytogenes_1639_v8	Listeria_grayi_1641_v1	0.6631
Listeria_monocytogenes_1639_v89	Listeria_grayi_1641_v1	0.6742
Listeria_monocytogenes_1639_v88	Listeria_grayi_1641_v1	0.6717
Listeria_monocytogenes_1639_v87	Listeria_grayi_1641_v1	0.6677
Listeria_monocytogenes_1639_v86	Listeria_grayi_1641_v1	0.6674
Listeria_monocytogenes_1639_v85	Listeria_grayi_1641_v1	0.6688
Listeria_monocytogenes_1639_v84	Listeria_grayi_1641_v1	0.6719
Listeria_monocytogenes_1639_v83	Listeria_grayi_1641_v1	0.6695
Listeria_monocytogenes_1639_v82	Listeria_grayi_1641_v1	0.669
Listeria_monocytogenes_1639_v81	Listeria_grayi_1641_v1	0.6678
Listeria_monocytogenes_1639_v80	Listeria_grayi_1641_v1	0.67
Listeria_monocytogenes_1639_v7	Listeria_grayi_1641_v1	0.6631
Listeria_monocytogenes_1639_v79	Listeria_grayi_1641_v1	0.6663
Listeria_monocytogenes_1639_v78	Listeria_grayi_1641_v1	0.6673
Listeria_monocytogenes_1639_v77	Listeria_grayi_1641_v1	0.6717
Listeria_monocytogenes_1639_v76	Listeria_grayi_1641_v1	0.6623
Listeria_monocytogenes_1639_v75	Listeria_grayi_1641_v1	0.6605
Listeria_monocytogenes_1639_v74	Listeria_grayi_1641_v1	0.6719
Listeria_monocytogenes_1639_v73	Listeria_grayi_1641_v1	0.668
Listeria_monocytogenes_1639_v72	Listeria_grayi_1641_v1	0.668
Listeria_monocytogenes_1639_v71	Listeria_grayi_1641_v1	0.6636
Listeria_monocytogenes_1639_v70	Listeria_grayi_1641_v1	0.6685
Listeria_monocytogenes_1639_v6	Listeria_grayi_1641_v1	0.6626
Listeria_monocytogenes_1639_v69	Listeria_grayi_1641_v1	0.6707
Listeria_monocytogenes_1639_v68	Listeria_grayi_1641_v1	0.6729
Listeria_monocytogenes_1639_v67	Listeria_grayi_1641_v1	0.6685
Listeria_monocytogenes_1639_v66	Listeria_grayi_1641_v1	0.6733
Listeria_monocytogenes_1639_v65	Listeria_grayi_1641_v1	0.6658
Listeria_monocytogenes_1639_v64	Listeria_grayi_1641_v1	0.6735
Listeria_monocytogenes_1639_v63	Listeria_grayi_1641_v1	0.6713
Listeria_monocytogenes_1639_v62	Listeria_grayi_1641_v1	0.6652
Listeria_monocytogenes_1639_v61	Listeria_grayi_1641_v1	0.6653
Listeria_monocytogenes_1639_v60	Listeria_grayi_1641_v1	0.668
Listeria_monocytogenes_1639_v5	Listeria_grayi_1641_v1	0.6512
Listeria_monocytogenes_1639_v59	Listeria_grayi_1641_v1	0.6697
Listeria_monocytogenes_1639_v58	Listeria_grayi_1641_v1	0.6717
Listeria_monocytogenes_1639_v57	Listeria_grayi_1641_v1	0.6637
Listeria_monocytogenes_1639_v56	Listeria_grayi_1641_v1	0.6709
Listeria_monocytogenes_1639_v55	Listeria_grayi_1641_v1	0.6635
Listeria_monocytogenes_1639_v54	Listeria_grayi_1641_v1	0.6736
Listeria_monocytogenes_1639_v53	Listeria_grayi_1641_v1	0.6748
Listeria_monocytogenes_1639_v52	Listeria_grayi_1641_v1	0.666
Listeria_monocytogenes_1639_v51	Listeria_grayi_1641_v1	0.669
Listeria_monocytogenes_1639_v50	Listeria_grayi_1641_v1	0.6623
Listeria_monocytogenes_1639_v4	Listeria_grayi_1641_v1	0.6559
Listeria_monocytogenes_1639_v49	Listeria_grayi_1641_v1	0.669
Listeria_monocytogenes_1639_v48	Listeria_grayi_1641_v1	0.6659
Listeria_monocytogenes_1639_v47	Listeria_grayi_1641_v1	0.6628
Listeria_monocytogenes_1639_v46	Listeria_grayi_1641_v1	0.6728
Listeria_monocytogenes_1639_v45	Listeria_grayi_1641_v1	0.6608
Listeria_monocytogenes_1639_v44	Listeria_grayi_1641_v1	0.6631
Listeria_monocytogenes_1639_v43	Listeria_grayi_1641_v1	0.6631
Listeria_monocytogenes_1639_v42	Listeria_grayi_1641_v1	0.6658
Listeria_monocytogenes_1639_v41	Listeria_grayi_1641_v1	0.6587
Listeria_monocytogenes_1639_v40	Listeria_grayi_1641_v1	0.6699

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Listeria_monocytogenes_1639_v137	Listeria_grayi_1641_v1	0.6798
Listeria_monocytogenes_1639_v136	Listeria_grayi_1641_v1	0.6724
Listeria_monocytogenes_1639_v135	Listeria_grayi_1641_v1	0.6714
Listeria_monocytogenes_1639_v134	Listeria_grayi_1641_v1	0.6751
Listeria_monocytogenes_1639_v133	Listeria_grayi_1641_v1	0.6746
Listeria_monocytogenes_1639_v132	Listeria_grayi_1641_v1	0.6646
Listeria_monocytogenes_1639_v131	Listeria_grayi_1641_v1	0.6704
Listeria_monocytogenes_1639_v130	Listeria_grayi_1641_v1	0.6733
Listeria_monocytogenes_1639_v12	Listeria_grayi_1641_v1	0.6583
Listeria_monocytogenes_1639_v129	Listeria_grayi_1641_v1	0.6809
Listeria_monocytogenes_1639_v128	Listeria_grayi_1641_v1	0.6796
Listeria_monocytogenes_1639_v127	Listeria_grayi_1641_v1	0.6738
Listeria_monocytogenes_1639_v126	Listeria_grayi_1641_v1	0.6792
Listeria_monocytogenes_1639_v125	Listeria_grayi_1641_v1	0.6769
Listeria_monocytogenes_1639_v124	Listeria_grayi_1641_v1	0.6718
Listeria_monocytogenes_1639_v123	Listeria_grayi_1641_v1	0.6773
Listeria_monocytogenes_1639_v122	Listeria_grayi_1641_v1	0.6775
Listeria_monocytogenes_1639_v121	Listeria_grayi_1641_v1	0.6775
Listeria_monocytogenes_1639_v120	Listeria_grayi_1641_v1	0.6773
Listeria_monocytogenes_1639_v11	Listeria_grayi_1641_v1	0.659
Listeria_monocytogenes_1639_v119	Listeria_grayi_1641_v1	0.6775
Listeria_monocytogenes_1639_v118	Listeria_grayi_1641_v1	0.6775
Listeria_monocytogenes_1639_v117	Listeria_grayi_1641_v1	0.6738
Listeria_monocytogenes_1639_v116	Listeria_grayi_1641_v1	0.6751
Listeria_monocytogenes_1639_v115	Listeria_grayi_1641_v1	0.6753
Listeria_monocytogenes_1639_v114	Listeria_grayi_1641_v1	0.6712
Listeria_monocytogenes_1639_v113	Listeria_grayi_1641_v1	0.6765
Listeria_monocytogenes_1639_v112	Listeria_grayi_1641_v1	0.6726
Listeria_monocytogenes_1639_v111	Listeria_grayi_1641_v1	0.6739
Listeria_monocytogenes_1639_v110	Listeria_grayi_1641_v1	0.6722
Listeria_monocytogenes_1639_v10	Listeria_grayi_1641_v1	0.6564
Listeria_monocytogenes_1639_v109	Listeria_grayi_1641_v1	0.6714
Listeria_monocytogenes_1639_v108	Listeria_grayi_1641_v1	0.6712
Listeria_monocytogenes_1639_v107	Listeria_grayi_1641_v1	0.6759
Listeria_monocytogenes_1639_v106	Listeria_grayi_1641_v1	0.6759
Listeria_monocytogenes_1639_v105	Listeria_grayi_1641_v1	0.6759
Listeria_monocytogenes_1639_v104	Listeria_grayi_1641_v1	0.6761
Listeria_monocytogenes_1639_v103	Listeria_grayi_1641_v1	0.6761
Listeria_monocytogenes_1639_v102	Listeria_grayi_1641_v1	0.67
Listeria_monocytogenes_1639_v101	Listeria_grayi_1641_v1	0.666
Listeria_monocytogenes_1639_v100	Listeria_grayi_1641_v1	0.6657
Listeria_monocytogenes_1639	Listeria_grayi_1641_v1	0.6823
Listeria_monocytogenes_10403S_393133	Listeria_grayi_1641_v1	0.678
Listeria_monocytogenes_08-5923_637381	Listeria_grayi_1641_v1	0.6631
Listeria_monocytogenes_08-5578_653938	Listeria_grayi_1641_v1	0.6577
Listeria_monocytogenes_07PF0776_1126011	Listeria_grayi_1641_v1	0.6763
Listeria_marthii_FSL_S4-120_702457	Listeria_grayi_1641_v1	0.6379
Listeria_marthii_529731_v1	Listeria_grayi_1641_v1	0.6619
Listeria_marthii_529731	Listeria_grayi_1641_v1	0.6677
Listeria_ivanovii_WSLC3009_1457190	Listeria_grayi_1641_v1	0.6711
Listeria_ivanovii_subsp_londoniensis_202752_v2	Listeria_grayi_1641_v1	0.6711
Listeria_ivanovii_subsp_londoniensis_202752_v1	Listeria_grayi_1641_v1	0.6619
Listeria_ivanovii_subsp_londoniensis_202752	Listeria_grayi_1641_v1	0.6674
Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	Listeria_grayi_1641_v1	0.6701
Listeria_ivanovii_subsp_ivanovii_202751_v2	Listeria_grayi_1641_v1	0.6712
Listeria_ivanovii_subsp_ivanovii_202751_v1	Listeria_grayi_1641_v1	0.6712
Listeria_ivanovii_subsp_ivanovii_202751	Listeria_grayi_1641_v1	0.6712
Listeria_ivanovii_FSL_F6-596_702454	Listeria_grayi_1641_v1	0.6204
Listeria_ivanovii_1638	Listeria_grayi_1641_v1	0.6717
Listeria_innocua_FSL_S4-378_702456	Listeria_grayi_1641_v1	0.6145
Listeria_innocua_FSL_J1-023_702455	Listeria_grayi_1641_v1	0.6442
Listeria_innocua_Clip11262_272626	Listeria_grayi_1641_v1	0.6568
Listeria_innocua_1642_v4	Listeria_grayi_1641_v1	0.6573
Listeria_innocua_1642_v3	Listeria_grayi_1641_v1	0.6729
Listeria_innocua_1642_v2	Listeria_grayi_1641_v1	0.6715
Listeria_innocua_1642_v1	Listeria_grayi_1641_v1	0.6748
Listeria_innocua_1642	Listeria_grayi_1641_v1	0.6724
Listeria_grayi_DSM_20601_525367	Listeria_grayi_1641_v1	0.8932
Listeria_grayi_1641_v2	Listeria_grayi_1641_v1	0.8612
Listeria_grayi_1641_v1	Listeria_grayi_1641_v1	0.0951
Listeria_welshimeri_1643	Listeria_grayi_1641_v2	0.7038
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_grayi_1641_v2	0.7036
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_grayi_1641_v2	0.7089
Listeria_seeligeri_FSL_S4-171_702452	Listeria_grayi_1641_v2	0.6549
Listeria_seeligeri_FSL_N1-067_702453	Listeria_grayi_1641_v2	0.6549
Listeria_seeligeri_1640_v1	Listeria_grayi_1641_v2	0.7094
Listeria_seeligeri_1640	Listeria_grayi_1641_v2	0.6934
Listeria_monocytogenes_WSLC1042_1457188	Listeria_grayi_1641_v2	0.7125
Listeria_monocytogenes_WSLC1001_1457187	Listeria_grayi_1641_v2	0.7124
Listeria_monocytogenes_SLCC7179_879090	Listeria_grayi_1641_v2	0.7164
Listeria_monocytogenes_SLCC5850_882096	Listeria_grayi_1641_v2	0.7154
Listeria_monocytogenes_SLCC2755_932919	Listeria_grayi_1641_v2	0.7077
Listeria_monocytogenes_SLCC2540_879089	Listeria_grayi_1641_v2	0.7151
Listeria_monocytogenes_SLCC2479_882020	Listeria_grayi_1641_v2	0.7056
Listeria_monocytogenes_SLCC2378_879088	Listeria_grayi_1641_v2	0.7136
Listeria_monocytogenes_SLCC2376_882097	Listeria_grayi_1641_v2	0.722
Listeria_monocytogenes_SLCC2372_932920	Listeria_grayi_1641_v2	0.7022
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_grayi_1641_v2	0.7156
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_grayi_1641_v2	0.6946
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_grayi_1641_v2	0.7156
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_grayi_1641_v2	0.7216

Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_grayi_1641_v2	0.7053
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_grayi_1641_v2	0.7062
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_grayi_1641_v2	0.7068
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_grayi_1641_v2	0.7062
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_grayi_1641_v2	0.7168
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_grayi_1641_v2	0.7168
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_grayi_1641_v2	0.7065
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_grayi_1641_v2	0.7065
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_grayi_1641_v2	0.7065
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_grayi_1641_v2	0.7047
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_grayi_1641_v2	0.7055
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_grayi_1641_v2	0.7055
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_grayi_1641_v2	0.7019
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_grayi_1641_v2	0.7019
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_grayi_1641_v2	0.6981
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_grayi_1641_v2	0.6981
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_grayi_1641_v2	0.7019
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_grayi_1641_v2	0.7009
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_grayi_1641_v2	0.7025
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_grayi_1641_v2	0.7155
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_grayi_1641_v2	0.7155
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_grayi_1641_v2	0.7025
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_grayi_1641_v2	0.7028
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_grayi_1641_v2	0.7028
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_grayi_1641_v2	0.7247
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_grayi_1641_v2	0.7247
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_grayi_1641_v2	0.6992
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_grayi_1641_v2	0.7027
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_grayi_1641_v2	0.7099
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_grayi_1641_v2	0.7099
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_grayi_1641_v2	0.7092
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_grayi_1641_v2	0.7025
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_grayi_1641_v2	0.6992
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_grayi_1641_v2	0.6992
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_grayi_1641_v2	0.6992
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_grayi_1641_v2	0.7025
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_grayi_1641_v2	0.7023
Listeria_monocytogenes_R479a_1437838	Listeria_grayi_1641_v2	0.7021
Listeria_monocytogenes_N53-1_1234142	Listeria_grayi_1641_v2	0.6841
Listeria_monocytogenes_M7_1030009	Listeria_grayi_1641_v2	0.6939
Listeria_monocytogenes_LO28_393132	Listeria_grayi_1641_v2	0.7045
Listeria_monocytogenes_L99_563174	Listeria_grayi_1641_v2	0.6944
Listeria_monocytogenes_L312_882094	Listeria_grayi_1641_v2	0.7216
Listeria_monocytogenes_J1816_930781	Listeria_grayi_1641_v2	0.7016
Listeria_monocytogenes_J1-220_930782	Listeria_grayi_1641_v2	0.702
Listeria_monocytogenes_J0161_393130	Listeria_grayi_1641_v2	0.7056
Listeria_monocytogenes_HCC23_552536	Listeria_grayi_1641_v2	0.6941
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_grayi_1641_v2	0.704
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_grayi_1641_v2	0.707
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_grayi_1641_v2	0.7104
Listeria_monocytogenes_Finland_1998_393127	Listeria_grayi_1641_v2	0.7211
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_grayi_1641_v2	0.7139
Listeria_monocytogenes_EGD-e_169963	Listeria_grayi_1641_v2	0.7143
Listeria_monocytogenes_EGD_1334565	Listeria_grayi_1641_v2	0.7161
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_grayi_1641_v2	0.7179
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_grayi_1641_v2	0.7164
Listeria_monocytogenes_ATCC_19117_882095	Listeria_grayi_1641_v2	0.7163
Listeria_monocytogenes_6179_1288295	Listeria_grayi_1641_v2	0.6965
Listeria_monocytogenes_1639_v9	Listeria_grayi_1641_v2	0.6898
Listeria_monocytogenes_1639_v99	Listeria_grayi_1641_v2	0.7036
Listeria_monocytogenes_1639_v98	Listeria_grayi_1641_v2	0.7064
Listeria_monocytogenes_1639_v97	Listeria_grayi_1641_v2	0.7078
Listeria_monocytogenes_1639_v96	Listeria_grayi_1641_v2	0.7027
Listeria_monocytogenes_1639_v95	Listeria_grayi_1641_v2	0.7028
Listeria_monocytogenes_1639_v94	Listeria_grayi_1641_v2	0.7031
Listeria_monocytogenes_1639_v93	Listeria_grayi_1641_v2	0.7051
Listeria_monocytogenes_1639_v92	Listeria_grayi_1641_v2	0.7033
Listeria_monocytogenes_1639_v91	Listeria_grayi_1641_v2	0.7024
Listeria_monocytogenes_1639_v90	Listeria_grayi_1641_v2	0.7064
Listeria_monocytogenes_1639_v8	Listeria_grayi_1641_v2	0.6933
Listeria_monocytogenes_1639_v89	Listeria_grayi_1641_v2	0.7117
Listeria_monocytogenes_1639_v88	Listeria_grayi_1641_v2	0.7095
Listeria_monocytogenes_1639_v87	Listeria_grayi_1641_v2	0.7056
Listeria_monocytogenes_1639_v86	Listeria_grayi_1641_v2	0.7057
Listeria_monocytogenes_1639_v85	Listeria_grayi_1641_v2	0.7052
Listeria_monocytogenes_1639_v84	Listeria_grayi_1641_v2	0.7099
Listeria_monocytogenes_1639_v83	Listeria_grayi_1641_v2	0.7085
Listeria_monocytogenes_1639_v82	Listeria_grayi_1641_v2	0.7079
Listeria_monocytogenes_1639_v81	Listeria_grayi_1641_v2	0.7063
Listeria_monocytogenes_1639_v80	Listeria_grayi_1641_v2	0.7079
Listeria_monocytogenes_1639_v7	Listeria_grayi_1641_v2	0.6933
Listeria_monocytogenes_1639_v79	Listeria_grayi_1641_v2	0.705
Listeria_monocytogenes_1639_v78	Listeria_grayi_1641_v2	0.7065
Listeria_monocytogenes_1639_v77	Listeria_grayi_1641_v2	0.7112
Listeria_monocytogenes_1639_v76	Listeria_grayi_1641_v2	0.7026
Listeria_monocytogenes_1639_v75	Listeria_grayi_1641_v2	0.6944
Listeria_monocytogenes_1639_v74	Listeria_grayi_1641_v2	0.7088
Listeria_monocytogenes_1639_v73	Listeria_grayi_1641_v2	0.7011
Listeria_monocytogenes_1639_v72	Listeria_grayi_1641_v2	0.7074
Listeria_monocytogenes_1639_v71	Listeria_grayi_1641_v2	0.6991
Listeria_monocytogenes_1639_v70	Listeria_grayi_1641_v2	0.7033

[illegible]

Listeria_monocytogenes_1639_v167	Listeria_grayi_1641_v2	0.7206
Listeria_monocytogenes_1639_v166	Listeria_grayi_1641_v2	0.7241
Listeria_monocytogenes_1639_v165	Listeria_grayi_1641_v2	0.718
Listeria_monocytogenes_1639_v164	Listeria_grayi_1641_v2	0.7165
Listeria_monocytogenes_1639_v163	Listeria_grayi_1641_v2	0.7172
Listeria_monocytogenes_1639_v162	Listeria_grayi_1641_v2	0.7165
Listeria_monocytogenes_1639_v161	Listeria_grayi_1641_v2	0.7158
Listeria_monocytogenes_1639_v160	Listeria_grayi_1641_v2	0.7159
Listeria_monocytogenes_1639_v15	Listeria_grayi_1641_v2	0.6956
Listeria_monocytogenes_1639_v159	Listeria_grayi_1641_v2	0.7162
Listeria_monocytogenes_1639_v158	Listeria_grayi_1641_v2	0.7156
Listeria_monocytogenes_1639_v157	Listeria_grayi_1641_v2	0.7156
Listeria_monocytogenes_1639_v156	Listeria_grayi_1641_v2	0.7097
Listeria_monocytogenes_1639_v155	Listeria_grayi_1641_v2	0.7158
Listeria_monocytogenes_1639_v154	Listeria_grayi_1641_v2	0.7164
Listeria_monocytogenes_1639_v153	Listeria_grayi_1641_v2	0.7165
Listeria_monocytogenes_1639_v152	Listeria_grayi_1641_v2	0.7165
Listeria_monocytogenes_1639_v151	Listeria_grayi_1641_v2	0.7165
Listeria_monocytogenes_1639_v150	Listeria_grayi_1641_v2	0.717
Listeria_monocytogenes_1639_v14	Listeria_grayi_1641_v2	0.6966
Listeria_monocytogenes_1639_v149	Listeria_grayi_1641_v2	0.7161
Listeria_monocytogenes_1639_v148	Listeria_grayi_1641_v2	0.7152
Listeria_monocytogenes_1639_v147	Listeria_grayi_1641_v2	0.7079
Listeria_monocytogenes_1639_v146	Listeria_grayi_1641_v2	0.7207
Listeria_monocytogenes_1639_v145	Listeria_grayi_1641_v2	0.7246
Listeria_monocytogenes_1639_v144	Listeria_grayi_1641_v2	0.7214
Listeria_monocytogenes_1639_v143	Listeria_grayi_1641_v2	0.719
Listeria_monocytogenes_1639_v142	Listeria_grayi_1641_v2	0.7214
Listeria_monocytogenes_1639_v141	Listeria_grayi_1641_v2	0.7185
Listeria_monocytogenes_1639_v140	Listeria_grayi_1641_v2	0.7216
Listeria_monocytogenes_1639_v13	Listeria_grayi_1641_v2	0.6958
Listeria_monocytogenes_1639_v139	Listeria_grayi_1641_v2	0.715
Listeria_monocytogenes_1639_v138	Listeria_grayi_1641_v2	0.7215
Listeria_monocytogenes_1639_v137	Listeria_grayi_1641_v2	0.7211
Listeria_monocytogenes_1639_v136	Listeria_grayi_1641_v2	0.7149
Listeria_monocytogenes_1639_v135	Listeria_grayi_1641_v2	0.7078
Listeria_monocytogenes_1639_v134	Listeria_grayi_1641_v2	0.7132
Listeria_monocytogenes_1639_v133	Listeria_grayi_1641_v2	0.7138
Listeria_monocytogenes_1639_v132	Listeria_grayi_1641_v2	0.7024
Listeria_monocytogenes_1639_v131	Listeria_grayi_1641_v2	0.7072
Listeria_monocytogenes_1639_v130	Listeria_grayi_1641_v2	0.708
Listeria_monocytogenes_1639_v12	Listeria_grayi_1641_v2	0.6904
Listeria_monocytogenes_1639_v129	Listeria_grayi_1641_v2	0.7214
Listeria_monocytogenes_1639_v128	Listeria_grayi_1641_v2	0.7179
Listeria_monocytogenes_1639_v127	Listeria_grayi_1641_v2	0.7124
Listeria_monocytogenes_1639_v126	Listeria_grayi_1641_v2	0.7171
Listeria_monocytogenes_1639_v125	Listeria_grayi_1641_v2	0.7181
Listeria_monocytogenes_1639_v124	Listeria_grayi_1641_v2	0.7101
Listeria_monocytogenes_1639_v123	Listeria_grayi_1641_v2	0.7179
Listeria_monocytogenes_1639_v122	Listeria_grayi_1641_v2	0.7178
Listeria_monocytogenes_1639_v121	Listeria_grayi_1641_v2	0.7178
Listeria_monocytogenes_1639_v120	Listeria_grayi_1641_v2	0.7175
Listeria_monocytogenes_1639_v11	Listeria_grayi_1641_v2	0.6928
Listeria_monocytogenes_1639_v119	Listeria_grayi_1641_v2	0.7178
Listeria_monocytogenes_1639_v118	Listeria_grayi_1641_v2	0.7178
Listeria_monocytogenes_1639_v117	Listeria_grayi_1641_v2	0.7144
Listeria_monocytogenes_1639_v116	Listeria_grayi_1641_v2	0.7131
Listeria_monocytogenes_1639_v115	Listeria_grayi_1641_v2	0.7133
Listeria_monocytogenes_1639_v114	Listeria_grayi_1641_v2	0.7103
Listeria_monocytogenes_1639_v113	Listeria_grayi_1641_v2	0.7146
Listeria_monocytogenes_1639_v112	Listeria_grayi_1641_v2	0.7075
Listeria_monocytogenes_1639_v111	Listeria_grayi_1641_v2	0.7109
Listeria_monocytogenes_1639_v110	Listeria_grayi_1641_v2	0.7105
Listeria_monocytogenes_1639_v10	Listeria_grayi_1641_v2	0.6932
Listeria_monocytogenes_1639_v109	Listeria_grayi_1641_v2	0.7093
Listeria_monocytogenes_1639_v108	Listeria_grayi_1641_v2	0.7075
Listeria_monocytogenes_1639_v107	Listeria_grayi_1641_v2	0.7151
Listeria_monocytogenes_1639_v106	Listeria_grayi_1641_v2	0.7155
Listeria_monocytogenes_1639_v105	Listeria_grayi_1641_v2	0.7155
Listeria_monocytogenes_1639_v104	Listeria_grayi_1641_v2	0.7158
Listeria_monocytogenes_1639_v103	Listeria_grayi_1641_v2	0.7158
Listeria_monocytogenes_1639_v102	Listeria_grayi_1641_v2	0.7103
Listeria_monocytogenes_1639_v101	Listeria_grayi_1641_v2	0.7021
Listeria_monocytogenes_1639_v100	Listeria_grayi_1641_v2	0.7013
Listeria_monocytogenes_1639	Listeria_grayi_1641_v2	0.7239
Listeria_monocytogenes_10403S_393133	Listeria_grayi_1641_v2	0.7183
Listeria_monocytogenes_08-5923_637381	Listeria_grayi_1641_v2	0.7025
Listeria_monocytogenes_08-5578_653938	Listeria_grayi_1641_v2	0.6925
Listeria_monocytogenes_07PF0776_1126011	Listeria_grayi_1641_v2	0.7154
Listeria_marthii_FSL_S4-120_702457	Listeria_grayi_1641_v2	0.6759
Listeria_marthii_529731_v1	Listeria_grayi_1641_v2	0.7003
Listeria_marthii_529731	Listeria_grayi_1641_v2	0.7033
Listeria_ivanovii_WSLC3009_1457190	Listeria_grayi_1641_v2	0.7099
Listeria_ivanovii_subsp_londoniensis_202752_v2	Listeria_grayi_1641_v2	0.7051
Listeria_ivanovii_subsp_londoniensis_202752_v1	Listeria_grayi_1641_v2	0.695
Listeria_ivanovii_subsp_londoniensis_202752	Listeria_grayi_1641_v2	0.7018
Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	Listeria_grayi_1641_v2	0.7088
Listeria_ivanovii_subsp_ivanovii_202751_v2	Listeria_grayi_1641_v2	0.7104
Listeria_ivanovii_subsp_ivanovii_202751_v1	Listeria_grayi_1641_v2	0.7104
Listeria_ivanovii_subsp_ivanovii_202751	Listeria_grayi_1641_v2	0.7104
Listeria_ivanovii_FSL_F6-596_702454	Listeria_grayi_1641_v2	0.6524

Listeria_ivanovii_1638	Listeria_grayi_1641_v2	0.7106
Listeria_innocua_FSL_S4-378_702456	Listeria_grayi_1641_v2	0.6523
Listeria_innocua_FSL_J1-023_702455	Listeria_grayi_1641_v2	0.6809
Listeria_innocua_Clip11262_272626	Listeria_grayi_1641_v2	0.6889
Listeria_innocua_1642_v4	Listeria_grayi_1641_v2	0.6906
Listeria_innocua_1642_v3	Listeria_grayi_1641_v2	0.7058
Listeria_innocua_1642_v2	Listeria_grayi_1641_v2	0.7064
Listeria_innocua_1642_v1	Listeria_grayi_1641_v2	0.7097
Listeria_innocua_1642	Listeria_grayi_1641_v2	0.7057
Listeria_grayi_DSM_20601_525367	Listeria_grayi_1641_v2	0.9062
Listeria_grayi_1641_v2	Listeria_grayi_1641_v2	0.0667
Listeria_welshimeri_1643	Listeria_grayi_DSM_20601_525367	0.7021
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_grayi_DSM_20601_525367	0.7019
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_grayi_DSM_20601_525367	0.7092
Listeria_seeligeri_FSL_S4-171_702452	Listeria_grayi_DSM_20601_525367	0.6579
Listeria_seeligeri_FSL_N1-067_702453	Listeria_grayi_DSM_20601_525367	0.6717
Listeria_seeligeri_1640_v1	Listeria_grayi_DSM_20601_525367	0.7081
Listeria_seeligeri_1640	Listeria_grayi_DSM_20601_525367	0.6948
Listeria_monocytogenes_WSLC1042_1457188	Listeria_grayi_DSM_20601_525367	0.7077
Listeria_monocytogenes_WSLC1001_1457187	Listeria_grayi_DSM_20601_525367	0.7108
Listeria_monocytogenes_SLCC7179_879090	Listeria_grayi_DSM_20601_525367	0.7125
Listeria_monocytogenes_SLCC5850_882096	Listeria_grayi_DSM_20601_525367	0.7138
Listeria_monocytogenes_SLCC2755_932919	Listeria_grayi_DSM_20601_525367	0.7053
Listeria_monocytogenes_SLCC2540_879089	Listeria_grayi_DSM_20601_525367	0.7087
Listeria_monocytogenes_SLCC2479_882020	Listeria_grayi_DSM_20601_525367	0.7032
Listeria_monocytogenes_SLCC2378_879088	Listeria_grayi_DSM_20601_525367	0.7088
Listeria_monocytogenes_SLCC2376_882097	Listeria_grayi_DSM_20601_525367	0.7212
Listeria_monocytogenes_SLCC2372_932920	Listeria_grayi_DSM_20601_525367	0.7017
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_grayi_DSM_20601_525367	0.7121
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_grayi_DSM_20601_525367	0.6927
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_grayi_DSM_20601_525367	0.7121
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_grayi_DSM_20601_525367	0.7185
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_grayi_DSM_20601_525367	0.7005
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_grayi_DSM_20601_525367	0.7014
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_grayi_DSM_20601_525367	0.702
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_grayi_DSM_20601_525367	0.7014
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_grayi_DSM_20601_525367	0.7128
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_grayi_DSM_20601_525367	0.7128
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_grayi_DSM_20601_525367	0.7025
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_grayi_DSM_20601_525367	0.7025
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_grayi_DSM_20601_525367	0.7025
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_grayi_DSM_20601_525367	0.7027
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_grayi_DSM_20601_525367	0.7035
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_grayi_DSM_20601_525367	0.7035
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_grayi_DSM_20601_525367	0.7002
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_grayi_DSM_20601_525367	0.7002
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_grayi_DSM_20601_525367	0.6952
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_grayi_DSM_20601_525367	0.6952
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_grayi_DSM_20601_525367	0.6994
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_grayi_DSM_20601_525367	0.6984
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_grayi_DSM_20601_525367	0.6997
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_grayi_DSM_20601_525367	0.7131
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_grayi_DSM_20601_525367	0.7131
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_grayi_DSM_20601_525367	0.6997
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_grayi_DSM_20601_525367	0.7
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_grayi_DSM_20601_525367	0.7
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_grayi_DSM_20601_525367	0.7208
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_grayi_DSM_20601_525367	0.7208
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_grayi_DSM_20601_525367	0.6963
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_grayi_DSM_20601_525367	0.6998
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_grayi_DSM_20601_525367	0.7075
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_grayi_DSM_20601_525367	0.7075
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_grayi_DSM_20601_525367	0.7067
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_grayi_DSM_20601_525367	0.6997
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_grayi_DSM_20601_525367	0.6963
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_grayi_DSM_20601_525367	0.6963
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_grayi_DSM_20601_525367	0.6963
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_grayi_DSM_20601_525367	0.6997
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_grayi_DSM_20601_525367	0.6994
Listeria_monocytogenes_R479a_1437838	Listeria_grayi_DSM_20601_525367	0.7071
Listeria_monocytogenes_N53-1_1234142	Listeria_grayi_DSM_20601_525367	0.6811
Listeria_monocytogenes_M7_1030009	Listeria_grayi_DSM_20601_525367	0.6933
Listeria_monocytogenes_LO28_393132	Listeria_grayi_DSM_20601_525367	0.7021
Listeria_monocytogenes_L99_563174	Listeria_grayi_DSM_20601_525367	0.6938
Listeria_monocytogenes_L312_882094	Listeria_grayi_DSM_20601_525367	0.7185
Listeria_monocytogenes_J1816_930781	Listeria_grayi_DSM_20601_525367	0.6987
Listeria_monocytogenes_J1-220_930782	Listeria_grayi_DSM_20601_525367	0.698
Listeria_monocytogenes_J0161_393130	Listeria_grayi_DSM_20601_525367	0.7012
Listeria_monocytogenes_HCC23_552536	Listeria_grayi_DSM_20601_525367	0.6935
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_grayi_DSM_20601_525367	0.702
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_grayi_DSM_20601_525367	0.7082
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_grayi_DSM_20601_525367	0.7076
Listeria_monocytogenes_Finland_1998_393127	Listeria_grayi_DSM_20601_525367	0.7167
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_grayi_DSM_20601_525367	0.7096
Listeria_monocytogenes_EGD-e_169963	Listeria_grayi_DSM_20601_525367	0.71
Listeria_monocytogenes_EGD_1334565	Listeria_grayi_DSM_20601_525367	0.7145
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_grayi_DSM_20601_525367	0.7147
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_grayi_DSM_20601_525367	0.7124
Listeria_monocytogenes_ATCC_19117_882095	Listeria_grayi_DSM_20601_525367	0.7123
Listeria_monocytogenes_6179_1288295	Listeria_grayi_DSM_20601_525367	0.6994
Listeria_monocytogenes_1639_v9	Listeria_grayi_DSM_20601_525367	0.6861

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Listeria_monocytogenes_1639_v113	Listeria_grayi_DSM_20601_525367	0.7134
Listeria_monocytogenes_1639_v112	Listeria_grayi_DSM_20601_525367	0.7055
Listeria_monocytogenes_1639_v111	Listeria_grayi_DSM_20601_525367	0.7085
Listeria_monocytogenes_1639_v110	Listeria_grayi_DSM_20601_525367	0.7089
Listeria_monocytogenes_1639_v10	Listeria_grayi_DSM_20601_525367	0.6895
Listeria_monocytogenes_1639_v109	Listeria_grayi_DSM_20601_525367	0.7077
Listeria_monocytogenes_1639_v108	Listeria_grayi_DSM_20601_525367	0.7067
Listeria_monocytogenes_1639_v107	Listeria_grayi_DSM_20601_525367	0.7112
Listeria_monocytogenes_1639_v106	Listeria_grayi_DSM_20601_525367	0.7116
Listeria_monocytogenes_1639_v105	Listeria_grayi_DSM_20601_525367	0.7116
Listeria_monocytogenes_1639_v104	Listeria_grayi_DSM_20601_525367	0.7118
Listeria_monocytogenes_1639_v103	Listeria_grayi_DSM_20601_525367	0.7118
Listeria_monocytogenes_1639_v102	Listeria_grayi_DSM_20601_525367	0.7059
Listeria_monocytogenes_1639_v101	Listeria_grayi_DSM_20601_525367	0.7071
Listeria_monocytogenes_1639_v100	Listeria_grayi_DSM_20601_525367	0.7066
Listeria_monocytogenes_1639	Listeria_grayi_DSM_20601_525367	0.7216
Listeria_monocytogenes_10403S_393133	Listeria_grayi_DSM_20601_525367	0.7159
Listeria_monocytogenes_08-5923_637381	Listeria_grayi_DSM_20601_525367	0.6997
Listeria_monocytogenes_08-5578_653938	Listeria_grayi_DSM_20601_525367	0.698
Listeria_monocytogenes_07PF0776_1126011	Listeria_grayi_DSM_20601_525367	0.7114
Listeria_marthii_FSL_S4-120_702457	Listeria_grayi_DSM_20601_525367	0.675
Listeria_marthii_529731_v1	Listeria_grayi_DSM_20601_525367	0.6993
Listeria_marthii_529731	Listeria_grayi_DSM_20601_525367	0.7076
Listeria_ivanovii_WSLC3009_1457190	Listeria_grayi_DSM_20601_525367	0.7074
Listeria_ivanovii_subsp_londoniensis_202752_v2	Listeria_grayi_DSM_20601_525367	0.7062
Listeria_ivanovii_subsp_londoniensis_202752_v1	Listeria_grayi_DSM_20601_525367	0.6972
Listeria_ivanovii_subsp_londoniensis_202752	Listeria_grayi_DSM_20601_525367	0.7017
Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	Listeria_grayi_DSM_20601_525367	0.7067
Listeria_ivanovii_subsp_ivanovii_202751_v2	Listeria_grayi_DSM_20601_525367	0.708
Listeria_ivanovii_subsp_ivanovii_202751_v1	Listeria_grayi_DSM_20601_525367	0.708
Listeria_ivanovii_subsp_ivanovii_202751	Listeria_grayi_DSM_20601_525367	0.708
Listeria_ivanovii_FSL_F6-596_702454	Listeria_grayi_DSM_20601_525367	0.6529
Listeria_ivanovii_1638	Listeria_grayi_DSM_20601_525367	0.7077
Listeria_innocua_FSL_S4-378_702456	Listeria_grayi_DSM_20601_525367	0.648
Listeria_innocua_FSL_J1-023_702455	Listeria_grayi_DSM_20601_525367	0.6805
Listeria_innocua_Clip11262_272626	Listeria_grayi_DSM_20601_525367	0.6909
Listeria_innocua_1642_v4	Listeria_grayi_DSM_20601_525367	0.6922
Listeria_innocua_1642_v3	Listeria_grayi_DSM_20601_525367	0.7061
Listeria_innocua_1642_v2	Listeria_grayi_DSM_20601_525367	0.7071
Listeria_innocua_1642_v1	Listeria_grayi_DSM_20601_525367	0.71
Listeria_innocua_1642	Listeria_grayi_DSM_20601_525367	0.706
Listeria_grayi_DSM_20601_525367	Listeria_grayi_DSM_20601_525367	0.0533
Listeria_welshimeri_1643	Listeria_innocua_1642	0.8745
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_innocua_1642	0.8742
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_innocua_1642	0.8685
Listeria_seeligeri_FSL_S4-171_702452	Listeria_innocua_1642	0.8244
Listeria_seeligeri_FSL_N1-067_702453	Listeria_innocua_1642	0.8205
Listeria_seeligeri_1640_v1	Listeria_innocua_1642	0.8705
Listeria_seeligeri_1640	Listeria_innocua_1642	0.87
Listeria_monocytogenes_WSLC1042_1457188	Listeria_innocua_1642	0.91
Listeria_monocytogenes_WSLC1001_1457187	Listeria_innocua_1642	0.9051
Listeria_monocytogenes_SLCC7179_879090	Listeria_innocua_1642	0.9134
Listeria_monocytogenes_SLCC5850_882096	Listeria_innocua_1642	0.9092
Listeria_monocytogenes_SLCC2755_932919	Listeria_innocua_1642	0.895
Listeria_monocytogenes_SLCC2540_879089	Listeria_innocua_1642	0.9066
Listeria_monocytogenes_SLCC2479_882020	Listeria_innocua_1642	0.9102
Listeria_monocytogenes_SLCC2378_879088	Listeria_innocua_1642	0.9107
Listeria_monocytogenes_SLCC2376_882097	Listeria_innocua_1642	0.9241
Listeria_monocytogenes_SLCC2372_932920	Listeria_innocua_1642	0.9028
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_innocua_1642	0.9162
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_innocua_1642	0.8908
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_innocua_1642	0.9162
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_innocua_1642	0.9172
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_innocua_1642	0.9109
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_innocua_1642	0.912
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_innocua_1642	0.9123
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_innocua_1642	0.9123
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_innocua_1642	0.9159
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_innocua_1642	0.9159
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_innocua_1642	0.9127
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_innocua_1642	0.9127
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_innocua_1642	0.9127
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_innocua_1642	0.9091
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_innocua_1642	0.9095
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_innocua_1642	0.9095
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_innocua_1642	0.9065
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_innocua_1642	0.9065
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_innocua_1642	0.8963
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_innocua_1642	0.8963
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_innocua_1642	0.9001
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_innocua_1642	0.8993
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_innocua_1642	0.9001
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_innocua_1642	0.9082
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_innocua_1642	0.9086
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_innocua_1642	0.9001
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_innocua_1642	0.9007
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_innocua_1642	0.9007
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_innocua_1642	0.9185
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_innocua_1642	0.9185
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_innocua_1642	0.8965
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_innocua_1642	0.9004

Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_innocua_1642	0.9095
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_innocua_1642	0.9095
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_innocua_1642	0.9088
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_innocua_1642	0.9001
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_innocua_1642	0.8965
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_innocua_1642	0.8965
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_innocua_1642	0.8965
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_innocua_1642	0.9001
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_innocua_1642	0.9001
Listeria_monocytogenes_R479a_1437838	Listeria_innocua_1642	0.8964
Listeria_monocytogenes_N53-1_1234142	Listeria_innocua_1642	0.8727
Listeria_monocytogenes_M7_1030009	Listeria_innocua_1642	0.8973
Listeria_monocytogenes_LO28_393132	Listeria_innocua_1642	0.9052
Listeria_monocytogenes_L99_563174	Listeria_innocua_1642	0.8976
Listeria_monocytogenes_L312_882094	Listeria_innocua_1642	0.9172
Listeria_monocytogenes_J1816_930781	Listeria_innocua_1642	0.9172
Listeria_monocytogenes_J1-220_930782	Listeria_innocua_1642	0.9063
Listeria_monocytogenes_J0161_393130	Listeria_innocua_1642	0.9104
Listeria_monocytogenes_HCC23_552536	Listeria_innocua_1642	0.8973
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_innocua_1642	0.9074
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_innocua_1642	0.9008
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_innocua_1642	0.9104
Listeria_monocytogenes_Finland_1998_393127	Listeria_innocua_1642	0.9131
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_innocua_1642	0.9155
Listeria_monocytogenes_EGD-e_169963	Listeria_innocua_1642	0.9159
Listeria_monocytogenes_EGD_1334565	Listeria_innocua_1642	0.91
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_innocua_1642	0.9163
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_innocua_1642	0.9142
Listeria_monocytogenes_ATCC_19117_882095	Listeria_innocua_1642	0.9138
Listeria_monocytogenes_6179_1288295	Listeria_innocua_1642	0.9013
Listeria_monocytogenes_1639_v9	Listeria_innocua_1642	0.8972
Listeria_monocytogenes_1639_v99	Listeria_innocua_1642	0.9179
Listeria_monocytogenes_1639_v98	Listeria_innocua_1642	0.9092
Listeria_monocytogenes_1639_v97	Listeria_innocua_1642	0.9206
Listeria_monocytogenes_1639_v96	Listeria_innocua_1642	0.9165
Listeria_monocytogenes_1639_v95	Listeria_innocua_1642	0.9165
Listeria_monocytogenes_1639_v94	Listeria_innocua_1642	0.9169
Listeria_monocytogenes_1639_v93	Listeria_innocua_1642	0.8929
Listeria_monocytogenes_1639_v92	Listeria_innocua_1642	0.9191
Listeria_monocytogenes_1639_v91	Listeria_innocua_1642	0.9081
Listeria_monocytogenes_1639_v90	Listeria_innocua_1642	0.9092
Listeria_monocytogenes_1639_v8	Listeria_innocua_1642	0.8888
Listeria_monocytogenes_1639_v89	Listeria_innocua_1642	0.9158
Listeria_monocytogenes_1639_v88	Listeria_innocua_1642	0.9134
Listeria_monocytogenes_1639_v87	Listeria_innocua_1642	0.904
Listeria_monocytogenes_1639_v86	Listeria_innocua_1642	0.9037
Listeria_monocytogenes_1639_v85	Listeria_innocua_1642	0.9114
Listeria_monocytogenes_1639_v84	Listeria_innocua_1642	0.9094
Listeria_monocytogenes_1639_v83	Listeria_innocua_1642	0.9129
Listeria_monocytogenes_1639_v82	Listeria_innocua_1642	0.9123
Listeria_monocytogenes_1639_v81	Listeria_innocua_1642	0.9066
Listeria_monocytogenes_1639_v80	Listeria_innocua_1642	0.9102
Listeria_monocytogenes_1639_v7	Listeria_innocua_1642	0.8888
Listeria_monocytogenes_1639_v79	Listeria_innocua_1642	0.9053
Listeria_monocytogenes_1639_v78	Listeria_innocua_1642	0.9067
Listeria_monocytogenes_1639_v77	Listeria_innocua_1642	0.9093
Listeria_monocytogenes_1639_v76	Listeria_innocua_1642	0.907
Listeria_monocytogenes_1639_v75	Listeria_innocua_1642	0.8976
Listeria_monocytogenes_1639_v74	Listeria_innocua_1642	0.9003
Listeria_monocytogenes_1639_v73	Listeria_innocua_1642	0.8993
Listeria_monocytogenes_1639_v72	Listeria_innocua_1642	0.9129
Listeria_monocytogenes_1639_v71	Listeria_innocua_1642	0.8947
Listeria_monocytogenes_1639_v70	Listeria_innocua_1642	0.9088
Listeria_monocytogenes_1639_v6	Listeria_innocua_1642	0.8885
Listeria_monocytogenes_1639_v69	Listeria_innocua_1642	0.912
Listeria_monocytogenes_1639_v68	Listeria_innocua_1642	0.9021
Listeria_monocytogenes_1639_v67	Listeria_innocua_1642	0.9138
Listeria_monocytogenes_1639_v66	Listeria_innocua_1642	0.9057
Listeria_monocytogenes_1639_v65	Listeria_innocua_1642	0.899
Listeria_monocytogenes_1639_v64	Listeria_innocua_1642	0.8989
Listeria_monocytogenes_1639_v63	Listeria_innocua_1642	0.9087
Listeria_monocytogenes_1639_v62	Listeria_innocua_1642	0.9067
Listeria_monocytogenes_1639_v61	Listeria_innocua_1642	0.9038
Listeria_monocytogenes_1639_v60	Listeria_innocua_1642	0.9107
Listeria_monocytogenes_1639_v5	Listeria_innocua_1642	0.8738
Listeria_monocytogenes_1639_v59	Listeria_innocua_1642	0.9077
Listeria_monocytogenes_1639_v58	Listeria_innocua_1642	0.9152
Listeria_monocytogenes_1639_v57	Listeria_innocua_1642	0.9143
Listeria_monocytogenes_1639_v56	Listeria_innocua_1642	0.9204
Listeria_monocytogenes_1639_v55	Listeria_innocua_1642	0.9138
Listeria_monocytogenes_1639_v54	Listeria_innocua_1642	0.9138
Listeria_monocytogenes_1639_v53	Listeria_innocua_1642	0.8991
Listeria_monocytogenes_1639_v52	Listeria_innocua_1642	0.9132
Listeria_monocytogenes_1639_v51	Listeria_innocua_1642	0.9075
Listeria_monocytogenes_1639_v50	Listeria_innocua_1642	0.8993
Listeria_monocytogenes_1639_v4	Listeria_innocua_1642	0.8861
Listeria_monocytogenes_1639_v49	Listeria_innocua_1642	0.9027
Listeria_monocytogenes_1639_v48	Listeria_innocua_1642	0.9063
Listeria_monocytogenes_1639_v47	Listeria_innocua_1642	0.8997
Listeria_monocytogenes_1639_v46	Listeria_innocua_1642	0.907
Listeria_monocytogenes_1639_v45	Listeria_innocua_1642	0.8912

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Listeria_monocytogenes_1639_v141	Listeria_innocua_1642	0.9156
Listeria_monocytogenes_1639_v140	Listeria_innocua_1642	0.9176
Listeria_monocytogenes_1639_v13	Listeria_innocua_1642	0.8919
Listeria_monocytogenes_1639_v139	Listeria_innocua_1642	0.9154
Listeria_monocytogenes_1639_v138	Listeria_innocua_1642	0.9184
Listeria_monocytogenes_1639_v137	Listeria_innocua_1642	0.9184
Listeria_monocytogenes_1639_v136	Listeria_innocua_1642	0.9086
Listeria_monocytogenes_1639_v135	Listeria_innocua_1642	0.9075
Listeria_monocytogenes_1639_v134	Listeria_innocua_1642	0.9104
Listeria_monocytogenes_1639_v133	Listeria_innocua_1642	0.9189
Listeria_monocytogenes_1639_v132	Listeria_innocua_1642	0.902
Listeria_monocytogenes_1639_v131	Listeria_innocua_1642	0.916
Listeria_monocytogenes_1639_v130	Listeria_innocua_1642	0.9002
Listeria_monocytogenes_1639_v12	Listeria_innocua_1642	0.8929
Listeria_monocytogenes_1639_v129	Listeria_innocua_1642	0.9176
Listeria_monocytogenes_1639_v128	Listeria_innocua_1642	0.9122
Listeria_monocytogenes_1639_v127	Listeria_innocua_1642	0.9136
Listeria_monocytogenes_1639_v126	Listeria_innocua_1642	0.9107
Listeria_monocytogenes_1639_v125	Listeria_innocua_1642	0.9121
Listeria_monocytogenes_1639_v124	Listeria_innocua_1642	0.9111
Listeria_monocytogenes_1639_v123	Listeria_innocua_1642	0.9163
Listeria_monocytogenes_1639_v122	Listeria_innocua_1642	0.9163
Listeria_monocytogenes_1639_v121	Listeria_innocua_1642	0.9163
Listeria_monocytogenes_1639_v120	Listeria_innocua_1642	0.9163
Listeria_monocytogenes_1639_v11	Listeria_innocua_1642	0.8971
Listeria_monocytogenes_1639_v119	Listeria_innocua_1642	0.9163
Listeria_monocytogenes_1639_v118	Listeria_innocua_1642	0.9163
Listeria_monocytogenes_1639_v117	Listeria_innocua_1642	0.9049
Listeria_monocytogenes_1639_v116	Listeria_innocua_1642	0.9103
Listeria_monocytogenes_1639_v115	Listeria_innocua_1642	0.9107
Listeria_monocytogenes_1639_v114	Listeria_innocua_1642	0.9124
Listeria_monocytogenes_1639_v113	Listeria_innocua_1642	0.9129
Listeria_monocytogenes_1639_v112	Listeria_innocua_1642	0.9212
Listeria_monocytogenes_1639_v111	Listeria_innocua_1642	0.9006
Listeria_monocytogenes_1639_v110	Listeria_innocua_1642	0.9084
Listeria_monocytogenes_1639_v10	Listeria_innocua_1642	0.8935
Listeria_monocytogenes_1639_v109	Listeria_innocua_1642	0.9132
Listeria_monocytogenes_1639_v108	Listeria_innocua_1642	0.9177
Listeria_monocytogenes_1639_v107	Listeria_innocua_1642	0.9128
Listeria_monocytogenes_1639_v106	Listeria_innocua_1642	0.9132
Listeria_monocytogenes_1639_v105	Listeria_innocua_1642	0.9132
Listeria_monocytogenes_1639_v104	Listeria_innocua_1642	0.9132
Listeria_monocytogenes_1639_v103	Listeria_innocua_1642	0.9135
Listeria_monocytogenes_1639_v102	Listeria_innocua_1642	0.9076
Listeria_monocytogenes_1639_v101	Listeria_innocua_1642	0.8965
Listeria_monocytogenes_1639_v100	Listeria_innocua_1642	0.8951
Listeria_monocytogenes_1639	Listeria_innocua_1642	0.918
Listeria_monocytogenes_10403S_393133	Listeria_innocua_1642	0.9167
Listeria_monocytogenes_08-5923_637381	Listeria_innocua_1642	0.9001
Listeria_monocytogenes_08-5578_653938	Listeria_innocua_1642	0.8873
Listeria_monocytogenes_07PF0776_1126011	Listeria_innocua_1642	0.9131
Listeria_marthii_FSL_S4-120_702457	Listeria_innocua_1642	0.8514
Listeria_marthii_529731_v1	Listeria_innocua_1642	0.8958
Listeria_marthii_529731	Listeria_innocua_1642	0.8958
Listeria_ivanovii_WSLC3009_1457190	Listeria_innocua_1642	0.8714
Listeria_ivanovii_subsp_londoniensis_202752_v2	Listeria_innocua_1642	0.869
Listeria_ivanovii_subsp_londoniensis_202752_v1	Listeria_innocua_1642	0.8616
Listeria_ivanovii_subsp_londoniensis_202752	Listeria_innocua_1642	0.874
Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	Listeria_innocua_1642	0.8702
Listeria_ivanovii_subsp_ivanovii_202751_v2	Listeria_innocua_1642	0.8718
Listeria_ivanovii_subsp_ivanovii_202751_v1	Listeria_innocua_1642	0.8718
Listeria_ivanovii_subsp_ivanovii_202751	Listeria_innocua_1642	0.8718
Listeria_ivanovii_FSL_F6-596_702454	Listeria_innocua_1642	0.8145
Listeria_ivanovii_1638	Listeria_innocua_1642	0.8718
Listeria_innocua_FSL_S4-378_702456	Listeria_innocua_1642	0.8381
Listeria_innocua_FSL_J1-023_702455	Listeria_innocua_1642	0.8753
Listeria_innocua_Clip11262_272626	Listeria_innocua_1642	0.9222
Listeria_innocua_1642_v4	Listeria_innocua_1642	0.9054
Listeria_innocua_1642_v3	Listeria_innocua_1642	0.9181
Listeria_innocua_1642_v2	Listeria_innocua_1642	0.9113
Listeria_innocua_1642_v1	Listeria_innocua_1642	0.9422
Listeria_innocua_1642	Listeria_innocua_1642	0.0749
Listeria_welshimeri_1643	Listeria_innocua_1642_v1	0.8726
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_innocua_1642_v1	0.8719
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_innocua_1642_v1	0.8674
Listeria_seeligeri_FSL_S4-171_702452	Listeria_innocua_1642_v1	0.8261
Listeria_seeligeri_FSL_N1-067_702453	Listeria_innocua_1642_v1	0.821
Listeria_seeligeri_1640_v1	Listeria_innocua_1642_v1	0.872
Listeria_seeligeri_1640	Listeria_innocua_1642_v1	0.8711
Listeria_monocytogenes_WSLC1042_1457188	Listeria_innocua_1642_v1	0.9103
Listeria_monocytogenes_WSLC1001_1457187	Listeria_innocua_1642_v1	0.9016
Listeria_monocytogenes_SLCC7179_879090	Listeria_innocua_1642_v1	0.9102
Listeria_monocytogenes_SLCC5850_882096	Listeria_innocua_1642_v1	0.9049
Listeria_monocytogenes_SLCC2755_932919	Listeria_innocua_1642_v1	0.9125
Listeria_monocytogenes_SLCC2540_879089	Listeria_innocua_1642_v1	0.9031
Listeria_monocytogenes_SLCC2479_882020	Listeria_innocua_1642_v1	0.9068
Listeria_monocytogenes_SLCC2378_879088	Listeria_innocua_1642_v1	0.9117
Listeria_monocytogenes_SLCC2376_882097	Listeria_innocua_1642_v1	0.922
Listeria_monocytogenes_SLCC2372_932920	Listeria_innocua_1642_v1	0.9145
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_innocua_1642_v1	0.9149
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_innocua_1642_v1	0.8855

Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_innocua_1642_v1	0.9149
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_innocua_1642_v1	0.9182
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_innocua_1642_v1	0.9078
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_innocua_1642_v1	0.9089
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_innocua_1642_v1	0.9099
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_innocua_1642_v1	0.9092
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_innocua_1642_v1	0.9139
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_innocua_1642_v1	0.9139
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_innocua_1642_v1	0.9088
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_innocua_1642_v1	0.9088
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_innocua_1642_v1	0.9088
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_innocua_1642_v1	0.9071
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_innocua_1642_v1	0.9079
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_innocua_1642_v1	0.9079
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_innocua_1642_v1	0.8968
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_innocua_1642_v1	0.8968
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_innocua_1642_v1	0.8922
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_innocua_1642_v1	0.8922
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_innocua_1642_v1	0.897
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_innocua_1642_v1	0.8962
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_innocua_1642_v1	0.8974
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_innocua_1642_v1	0.9032
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_innocua_1642_v1	0.9032
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_innocua_1642_v1	0.8974
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_innocua_1642_v1	0.8973
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_innocua_1642_v1	0.8973
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_innocua_1642_v1	0.9126
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_innocua_1642_v1	0.9126
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_innocua_1642_v1	0.8931
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_innocua_1642_v1	0.8974
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_innocua_1642_v1	0.9046
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_innocua_1642_v1	0.9046
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_innocua_1642_v1	0.9049
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_innocua_1642_v1	0.8974
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_innocua_1642_v1	0.8931
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_innocua_1642_v1	0.8931
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_innocua_1642_v1	0.8931
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_innocua_1642_v1	0.8974
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_innocua_1642_v1	0.897
Listeria_monocytogenes_R479a_1437838	Listeria_innocua_1642_v1	0.9041
Listeria_monocytogenes_N53-1_1234142	Listeria_innocua_1642_v1	0.8669
Listeria_monocytogenes_M7_1030009	Listeria_innocua_1642_v1	0.8913
Listeria_monocytogenes_LO28_393132	Listeria_innocua_1642_v1	0.9036
Listeria_monocytogenes_L99_563174	Listeria_innocua_1642_v1	0.8919
Listeria_monocytogenes_L312_882094	Listeria_innocua_1642_v1	0.9182
Listeria_monocytogenes_J1816_930781	Listeria_innocua_1642_v1	0.9122
Listeria_monocytogenes_J1-220_930782	Listeria_innocua_1642_v1	0.9007
Listeria_monocytogenes_J0161_393130	Listeria_innocua_1642_v1	0.9058
Listeria_monocytogenes_HCC23_552536	Listeria_innocua_1642_v1	0.8916
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_innocua_1642_v1	0.9043
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_innocua_1642_v1	0.9034
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_innocua_1642_v1	0.9012
Listeria_monocytogenes_Finland_1998_393127	Listeria_innocua_1642_v1	0.9115
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_innocua_1642_v1	0.9135
Listeria_monocytogenes_EGD-e_169963	Listeria_innocua_1642_v1	0.9139
Listeria_monocytogenes_EGD_1334565	Listeria_innocua_1642_v1	0.9057
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_innocua_1642_v1	0.9128
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_innocua_1642_v1	0.9126
Listeria_monocytogenes_ATCC_19117_882095	Listeria_innocua_1642_v1	0.9125
Listeria_monocytogenes_6179_1288295	Listeria_innocua_1642_v1	0.9016
Listeria_monocytogenes_1639_v9	Listeria_innocua_1642_v1	0.8861
Listeria_monocytogenes_1639_v99	Listeria_innocua_1642_v1	0.9219
Listeria_monocytogenes_1639_v98	Listeria_innocua_1642_v1	0.9075
Listeria_monocytogenes_1639_v97	Listeria_innocua_1642_v1	0.9115
Listeria_monocytogenes_1639_v96	Listeria_innocua_1642_v1	0.9219
Listeria_monocytogenes_1639_v95	Listeria_innocua_1642_v1	0.922
Listeria_monocytogenes_1639_v94	Listeria_innocua_1642_v1	0.9223
Listeria_monocytogenes_1639_v93	Listeria_innocua_1642_v1	0.8973
Listeria_monocytogenes_1639_v92	Listeria_innocua_1642_v1	0.9189
Listeria_monocytogenes_1639_v91	Listeria_innocua_1642_v1	0.9039
Listeria_monocytogenes_1639_v90	Listeria_innocua_1642_v1	0.9075
Listeria_monocytogenes_1639_v8	Listeria_innocua_1642_v1	0.8979
Listeria_monocytogenes_1639_v89	Listeria_innocua_1642_v1	0.9104
Listeria_monocytogenes_1639_v88	Listeria_innocua_1642_v1	0.9062
Listeria_monocytogenes_1639_v87	Listeria_innocua_1642_v1	0.8991
Listeria_monocytogenes_1639_v86	Listeria_innocua_1642_v1	0.8987
Listeria_monocytogenes_1639_v85	Listeria_innocua_1642_v1	0.9072
Listeria_monocytogenes_1639_v84	Listeria_innocua_1642_v1	0.9074
Listeria_monocytogenes_1639_v83	Listeria_innocua_1642_v1	0.9091
Listeria_monocytogenes_1639_v82	Listeria_innocua_1642_v1	0.9084
Listeria_monocytogenes_1639_v81	Listeria_innocua_1642_v1	0.905
Listeria_monocytogenes_1639_v80	Listeria_innocua_1642_v1	0.8992
Listeria_monocytogenes_1639_v7	Listeria_innocua_1642_v1	0.8979
Listeria_monocytogenes_1639_v79	Listeria_innocua_1642_v1	0.9041
Listeria_monocytogenes_1639_v78	Listeria_innocua_1642_v1	0.9047
Listeria_monocytogenes_1639_v77	Listeria_innocua_1642_v1	0.9119
Listeria_monocytogenes_1639_v76	Listeria_innocua_1642_v1	0.8984
Listeria_monocytogenes_1639_v75	Listeria_innocua_1642_v1	0.8919
Listeria_monocytogenes_1639_v74	Listeria_innocua_1642_v1	0.9017
Listeria_monocytogenes_1639_v73	Listeria_innocua_1642_v1	0.9078
Listeria_monocytogenes_1639_v72	Listeria_innocua_1642_v1	0.9071

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Listeria_monocytogenes_1639_v169	Listeria_innocua_1642_v1	0.9079
Listeria_monocytogenes_1639_v168	Listeria_innocua_1642_v1	0.9081
Listeria_monocytogenes_1639_v167	Listeria_innocua_1642_v1	0.9115
Listeria_monocytogenes_1639_v166	Listeria_innocua_1642_v1	0.9085
Listeria_monocytogenes_1639_v165	Listeria_innocua_1642_v1	0.9075
Listeria_monocytogenes_1639_v164	Listeria_innocua_1642_v1	0.914
Listeria_monocytogenes_1639_v163	Listeria_innocua_1642_v1	0.9149
Listeria_monocytogenes_1639_v162	Listeria_innocua_1642_v1	0.914
Listeria_monocytogenes_1639_v161	Listeria_innocua_1642_v1	0.9152
Listeria_monocytogenes_1639_v160	Listeria_innocua_1642_v1	0.9152
Listeria_monocytogenes_1639_v15	Listeria_innocua_1642_v1	0.8977
Listeria_monocytogenes_1639_v159	Listeria_innocua_1642_v1	0.9128
Listeria_monocytogenes_1639_v158	Listeria_innocua_1642_v1	0.9149
Listeria_monocytogenes_1639_v157	Listeria_innocua_1642_v1	0.9149
Listeria_monocytogenes_1639_v156	Listeria_innocua_1642_v1	0.9019
Listeria_monocytogenes_1639_v155	Listeria_innocua_1642_v1	0.9172
Listeria_monocytogenes_1639_v154	Listeria_innocua_1642_v1	0.9059
Listeria_monocytogenes_1639_v153	Listeria_innocua_1642_v1	0.9134
Listeria_monocytogenes_1639_v152	Listeria_innocua_1642_v1	0.9131
Listeria_monocytogenes_1639_v151	Listeria_innocua_1642_v1	0.9131
Listeria_monocytogenes_1639_v150	Listeria_innocua_1642_v1	0.9062
Listeria_monocytogenes_1639_v14	Listeria_innocua_1642_v1	0.8925
Listeria_monocytogenes_1639_v149	Listeria_innocua_1642_v1	0.9057
Listeria_monocytogenes_1639_v148	Listeria_innocua_1642_v1	0.9117
Listeria_monocytogenes_1639_v147	Listeria_innocua_1642_v1	0.9022
Listeria_monocytogenes_1639_v146	Listeria_innocua_1642_v1	0.9127
Listeria_monocytogenes_1639_v145	Listeria_innocua_1642_v1	0.9111
Listeria_monocytogenes_1639_v144	Listeria_innocua_1642_v1	0.9175
Listeria_monocytogenes_1639_v143	Listeria_innocua_1642_v1	0.9113
Listeria_monocytogenes_1639_v142	Listeria_innocua_1642_v1	0.9179
Listeria_monocytogenes_1639_v141	Listeria_innocua_1642_v1	0.9132
Listeria_monocytogenes_1639_v140	Listeria_innocua_1642_v1	0.9182
Listeria_monocytogenes_1639_v13	Listeria_innocua_1642_v1	0.8981
Listeria_monocytogenes_1639_v139	Listeria_innocua_1642_v1	0.9142
Listeria_monocytogenes_1639_v138	Listeria_innocua_1642_v1	0.9168
Listeria_monocytogenes_1639_v137	Listeria_innocua_1642_v1	0.9164
Listeria_monocytogenes_1639_v136	Listeria_innocua_1642_v1	0.9029
Listeria_monocytogenes_1639_v135	Listeria_innocua_1642_v1	0.9044
Listeria_monocytogenes_1639_v134	Listeria_innocua_1642_v1	0.9114
Listeria_monocytogenes_1639_v133	Listeria_innocua_1642_v1	0.9146
Listeria_monocytogenes_1639_v132	Listeria_innocua_1642_v1	0.9004
Listeria_monocytogenes_1639_v131	Listeria_innocua_1642_v1	0.908
Listeria_monocytogenes_1639_v130	Listeria_innocua_1642_v1	0.9142
Listeria_monocytogenes_1639_v12	Listeria_innocua_1642_v1	0.8994
Listeria_monocytogenes_1639_v129	Listeria_innocua_1642_v1	0.9133
Listeria_monocytogenes_1639_v128	Listeria_innocua_1642_v1	0.9143
Listeria_monocytogenes_1639_v127	Listeria_innocua_1642_v1	0.9079
Listeria_monocytogenes_1639_v126	Listeria_innocua_1642_v1	0.9128
Listeria_monocytogenes_1639_v125	Listeria_innocua_1642_v1	0.909
Listeria_monocytogenes_1639_v124	Listeria_innocua_1642_v1	0.9132
Listeria_monocytogenes_1639_v123	Listeria_innocua_1642_v1	0.9128
Listeria_monocytogenes_1639_v122	Listeria_innocua_1642_v1	0.9132
Listeria_monocytogenes_1639_v121	Listeria_innocua_1642_v1	0.9132
Listeria_monocytogenes_1639_v120	Listeria_innocua_1642_v1	0.9128
Listeria_monocytogenes_1639_v11	Listeria_innocua_1642_v1	0.8984
Listeria_monocytogenes_1639_v119	Listeria_innocua_1642_v1	0.9132
Listeria_monocytogenes_1639_v118	Listeria_innocua_1642_v1	0.9132
Listeria_monocytogenes_1639_v117	Listeria_innocua_1642_v1	0.9006
Listeria_monocytogenes_1639_v116	Listeria_innocua_1642_v1	0.911
Listeria_monocytogenes_1639_v115	Listeria_innocua_1642_v1	0.9113
Listeria_monocytogenes_1639_v114	Listeria_innocua_1642_v1	0.9097
Listeria_monocytogenes_1639_v113	Listeria_innocua_1642_v1	0.904
Listeria_monocytogenes_1639_v112	Listeria_innocua_1642_v1	0.9181
Listeria_monocytogenes_1639_v111	Listeria_innocua_1642_v1	0.9159
Listeria_monocytogenes_1639_v110	Listeria_innocua_1642_v1	0.9034
Listeria_monocytogenes_1639_v10	Listeria_innocua_1642_v1	0.8843
Listeria_monocytogenes_1639_v109	Listeria_innocua_1642_v1	0.9086
Listeria_monocytogenes_1639_v108	Listeria_innocua_1642_v1	0.9085
Listeria_monocytogenes_1639_v107	Listeria_innocua_1642_v1	0.9112
Listeria_monocytogenes_1639_v106	Listeria_innocua_1642_v1	0.9115
Listeria_monocytogenes_1639_v105	Listeria_innocua_1642_v1	0.9115
Listeria_monocytogenes_1639_v104	Listeria_innocua_1642_v1	0.9119
Listeria_monocytogenes_1639_v103	Listeria_innocua_1642_v1	0.9119
Listeria_monocytogenes_1639_v102	Listeria_innocua_1642_v1	0.9074
Listeria_monocytogenes_1639_v101	Listeria_innocua_1642_v1	0.9045
Listeria_monocytogenes_1639_v100	Listeria_innocua_1642_v1	0.9028
Listeria_monocytogenes_1639	Listeria_innocua_1642_v1	0.9148
Listeria_monocytogenes_10403S_393133	Listeria_innocua_1642_v1	0.9124
Listeria_monocytogenes_08-5923_637381	Listeria_innocua_1642_v1	0.8974
Listeria_monocytogenes_08-5578_653938	Listeria_innocua_1642_v1	0.8924
Listeria_monocytogenes_07PF0776_1126011	Listeria_innocua_1642_v1	0.9123
Listeria_marthii_FSL_S4-120_702457	Listeria_innocua_1642_v1	0.8561
Listeria_marthii_529731_v1	Listeria_innocua_1642_v1	0.8953
Listeria_marthii_529731	Listeria_innocua_1642_v1	0.8927
Listeria_ivanovii_WSLC3009_1457190	Listeria_innocua_1642_v1	0.868
Listeria_ivanovii_subsp_londoniensis_202752_v2	Listeria_innocua_1642_v1	0.8705
Listeria_ivanovii_subsp_londoniensis_202752_v1	Listeria_innocua_1642_v1	0.8612
Listeria_ivanovii_subsp_londoniensis_202752	Listeria_innocua_1642_v1	0.874
Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	Listeria_innocua_1642_v1	0.8675
Listeria_ivanovii_subsp_ivanovii_202751_v2	Listeria_innocua_1642_v1	0.8687
Listeria_ivanovii_subsp_ivanovii_202751_v1	Listeria_innocua_1642_v1	0.8687

Listeria_ivanovii_subsp_ivanovii_202751	Listeria_innocua_1642_v1	0.8687
Listeria_ivanovii_FSL_F6-596_702454	Listeria_innocua_1642_v1	0.8143
Listeria_ivanovii_1638	Listeria_innocua_1642_v1	0.8684
Listeria_innocua_FSL_S4-378_702456	Listeria_innocua_1642_v1	0.8389
Listeria_innocua_FSL_J1-023_702455	Listeria_innocua_1642_v1	0.8699
Listeria_innocua_Clip11262_272626	Listeria_innocua_1642_v1	0.9159
Listeria_innocua_1642_v4	Listeria_innocua_1642_v1	0.9202
Listeria_innocua_1642_v3	Listeria_innocua_1642_v1	0.9313
Listeria_innocua_1642_v2	Listeria_innocua_1642_v1	0.9283
Listeria_innocua_1642_v1	Listeria_innocua_1642_v1	0.0632
Listeria_welshimeri_1643	Listeria_innocua_1642_v2	0.8788
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_innocua_1642_v2	0.8784
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_innocua_1642_v2	0.8606
Listeria_seeligeri_FSL_S4-171_702452	Listeria_innocua_1642_v2	0.8076
Listeria_seeligeri_FSL_N1-067_702453	Listeria_innocua_1642_v2	0.8102
Listeria_seeligeri_1640_v1	Listeria_innocua_1642_v2	0.8661
Listeria_seeligeri_1640	Listeria_innocua_1642_v2	0.8567
Listeria_monocytogenes_WSLC1042_1457188	Listeria_innocua_1642_v2	0.9019
Listeria_monocytogenes_WSLC1001_1457187	Listeria_innocua_1642_v2	0.8978
Listeria_monocytogenes_SLCC7179_879090	Listeria_innocua_1642_v2	0.9011
Listeria_monocytogenes_SLCC5850_882096	Listeria_innocua_1642_v2	0.9015
Listeria_monocytogenes_SLCC2755_932919	Listeria_innocua_1642_v2	0.9008
Listeria_monocytogenes_SLCC2540_879089	Listeria_innocua_1642_v2	0.8997
Listeria_monocytogenes_SLCC2479_882020	Listeria_innocua_1642_v2	0.8956
Listeria_monocytogenes_SLCC2378_879088	Listeria_innocua_1642_v2	0.9029
Listeria_monocytogenes_SLCC2376_882097	Listeria_innocua_1642_v2	0.9168
Listeria_monocytogenes_SLCC2372_932920	Listeria_innocua_1642_v2	0.8978
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_innocua_1642_v2	0.9068
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_innocua_1642_v2	0.8768
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_innocua_1642_v2	0.9068
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_innocua_1642_v2	0.9086
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_innocua_1642_v2	0.894
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_innocua_1642_v2	0.895
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_innocua_1642_v2	0.8957
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_innocua_1642_v2	0.8954
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_innocua_1642_v2	0.9095
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_innocua_1642_v2	0.9095
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_innocua_1642_v2	0.8957
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_innocua_1642_v2	0.8957
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_innocua_1642_v2	0.8957
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_innocua_1642_v2	0.8951
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_innocua_1642_v2	0.8956
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_innocua_1642_v2	0.8956
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_innocua_1642_v2	0.8886
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_innocua_1642_v2	0.8886
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_innocua_1642_v2	0.8793
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_innocua_1642_v2	0.8793
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_innocua_1642_v2	0.8834
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_innocua_1642_v2	0.8819
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_innocua_1642_v2	0.883
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_innocua_1642_v2	0.8972
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_innocua_1642_v2	0.8975
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_innocua_1642_v2	0.883
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_innocua_1642_v2	0.8844
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_innocua_1642_v2	0.8844
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_innocua_1642_v2	0.906
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_innocua_1642_v2	0.906
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_innocua_1642_v2	0.8803
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_innocua_1642_v2	0.8834
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_innocua_1642_v2	0.8952
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_innocua_1642_v2	0.8952
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_innocua_1642_v2	0.8881
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_innocua_1642_v2	0.883
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_innocua_1642_v2	0.8803
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_innocua_1642_v2	0.8803
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_innocua_1642_v2	0.8803
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_innocua_1642_v2	0.883
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_innocua_1642_v2	0.883
Listeria_monocytogenes_R479a_1437838	Listeria_innocua_1642_v2	0.8875
Listeria_monocytogenes_N53-1_1234142	Listeria_innocua_1642_v2	0.8587
Listeria_monocytogenes_M7_1030009	Listeria_innocua_1642_v2	0.8894
Listeria_monocytogenes_LO28_393132	Listeria_innocua_1642_v2	0.8957
Listeria_monocytogenes_L99_563174	Listeria_innocua_1642_v2	0.8897
Listeria_monocytogenes_L312_882094	Listeria_innocua_1642_v2	0.9086
Listeria_monocytogenes_J1816_930781	Listeria_innocua_1642_v2	0.8895
Listeria_monocytogenes_J1-220_930782	Listeria_innocua_1642_v2	0.8921
Listeria_monocytogenes_J0161_393130	Listeria_innocua_1642_v2	0.8898
Listeria_monocytogenes_HCC23_552536	Listeria_innocua_1642_v2	0.8894
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_innocua_1642_v2	0.8946
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_innocua_1642_v2	0.8988
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_innocua_1642_v2	0.8993
Listeria_monocytogenes_Finland_1998_393127	Listeria_innocua_1642_v2	0.9037
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_innocua_1642_v2	0.9036
Listeria_monocytogenes_EGD-e_169963	Listeria_innocua_1642_v2	0.904
Listeria_monocytogenes_EGD_1334565	Listeria_innocua_1642_v2	0.9022
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_innocua_1642_v2	0.9036
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_innocua_1642_v2	0.9041
Listeria_monocytogenes_ATCC_19117_882095	Listeria_innocua_1642_v2	0.9038
Listeria_monocytogenes_6179_1288295	Listeria_innocua_1642_v2	0.8884
Listeria_monocytogenes_1639_v9	Listeria_innocua_1642_v2	0.8749
Listeria_monocytogenes_1639_v99	Listeria_innocua_1642_v2	0.8995

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Listeria_monocytogenes_1639_v112	Listeria_innocua_1642_v2	0.8981
Listeria_monocytogenes_1639_v111	Listeria_innocua_1642_v2	0.9049
Listeria_monocytogenes_1639_v110	Listeria_innocua_1642_v2	0.894
Listeria_monocytogenes_1639_v10	Listeria_innocua_1642_v2	0.8749
Listeria_monocytogenes_1639_v109	Listeria_innocua_1642_v2	0.8955
Listeria_monocytogenes_1639_v108	Listeria_innocua_1642_v2	0.898
Listeria_monocytogenes_1639_v107	Listeria_innocua_1642_v2	0.9027
Listeria_monocytogenes_1639_v106	Listeria_innocua_1642_v2	0.9031
Listeria_monocytogenes_1639_v105	Listeria_innocua_1642_v2	0.9031
Listeria_monocytogenes_1639_v104	Listeria_innocua_1642_v2	0.9031
Listeria_monocytogenes_1639_v103	Listeria_innocua_1642_v2	0.9035
Listeria_monocytogenes_1639_v102	Listeria_innocua_1642_v2	0.891
Listeria_monocytogenes_1639_v101	Listeria_innocua_1642_v2	0.8868
Listeria_monocytogenes_1639_v100	Listeria_innocua_1642_v2	0.8869
Listeria_monocytogenes_1639	Listeria_innocua_1642_v2	0.9082
Listeria_monocytogenes_104035_393133	Listeria_innocua_1642_v2	0.9006
Listeria_monocytogenes_08-5923_637381	Listeria_innocua_1642_v2	0.883
Listeria_monocytogenes_08-5578_653938	Listeria_innocua_1642_v2	0.8768
Listeria_monocytogenes_07PF0776_1126011	Listeria_innocua_1642_v2	0.9034
Listeria_marthii_FSL_S4-120_702457	Listeria_innocua_1642_v2	0.8494
Listeria_marthii_529731_v1	Listeria_innocua_1642_v2	0.8845
Listeria_marthii_529731	Listeria_innocua_1642_v2	0.8908
Listeria_ivanovii_WSLC3009_1457190	Listeria_innocua_1642_v2	0.8659
Listeria_ivanovii_subsp_londoniensis_202752_v2	Listeria_innocua_1642_v2	0.8639
Listeria_ivanovii_subsp_londoniensis_202752_v1	Listeria_innocua_1642_v2	0.8611
Listeria_ivanovii_subsp_londoniensis_202752	Listeria_innocua_1642_v2	0.8595
Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	Listeria_innocua_1642_v2	0.8647
Listeria_ivanovii_subsp_ivanovii_202751_v2	Listeria_innocua_1642_v2	0.8662
Listeria_ivanovii_subsp_ivanovii_202751_v1	Listeria_innocua_1642_v2	0.8662
Listeria_ivanovii_subsp_ivanovii_202751	Listeria_innocua_1642_v2	0.8662
Listeria_ivanovii_FSL_F6-596_702454	Listeria_innocua_1642_v2	0.7988
Listeria_ivanovii_1638	Listeria_innocua_1642_v2	0.8662
Listeria_innocua_FSL_S4-378_702456	Listeria_innocua_1642_v2	0.8344
Listeria_innocua_FSL_J1-023_702455	Listeria_innocua_1642_v2	0.8723
Listeria_innocua_Clip11262_272626	Listeria_innocua_1642_v2	0.903
Listeria_innocua_1642_v4	Listeria_innocua_1642_v2	0.9218
Listeria_innocua_1642_v3	Listeria_innocua_1642_v2	0.9786
Listeria_innocua_1642_v2	Listeria_innocua_1642_v2	0.0823
Listeria_welshimeri_1643	Listeria_innocua_1642_v3	0.8702
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_innocua_1642_v3	0.8699
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_innocua_1642_v3	0.86
Listeria_seeligeri_FSL_S4-171_702452	Listeria_innocua_1642_v3	0.8101
Listeria_seeligeri_FSL_N1-067_702453	Listeria_innocua_1642_v3	0.8122
Listeria_seeligeri_1640_v1	Listeria_innocua_1642_v3	0.8658
Listeria_seeligeri_1640	Listeria_innocua_1642_v3	0.8658
Listeria_monocytogenes_WSLC1042_1457188	Listeria_innocua_1642_v3	0.9024
Listeria_monocytogenes_WSLC1001_1457187	Listeria_innocua_1642_v3	0.8946
Listeria_monocytogenes_SLCC7179_879090	Listeria_innocua_1642_v3	0.9086
Listeria_monocytogenes_SLCC5850_882096	Listeria_innocua_1642_v3	0.8978
Listeria_monocytogenes_SLCC2755_932919	Listeria_innocua_1642_v3	0.9001
Listeria_monocytogenes_SLCC2540_879089	Listeria_innocua_1642_v3	0.8975
Listeria_monocytogenes_SLCC2479_882020	Listeria_innocua_1642_v3	0.8967
Listeria_monocytogenes_SLCC2378_879088	Listeria_innocua_1642_v3	0.9034
Listeria_monocytogenes_SLCC2376_882097	Listeria_innocua_1642_v3	0.9161
Listeria_monocytogenes_SLCC2372_932920	Listeria_innocua_1642_v3	0.899
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_innocua_1642_v3	0.9069
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_innocua_1642_v3	0.8833
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_innocua_1642_v3	0.9069
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_innocua_1642_v3	0.9083
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_innocua_1642_v3	0.9063
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_innocua_1642_v3	0.9073
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_innocua_1642_v3	0.908
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_innocua_1642_v3	0.9077
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_innocua_1642_v3	0.9096
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_innocua_1642_v3	0.9096
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_innocua_1642_v3	0.908
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_innocua_1642_v3	0.908
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_innocua_1642_v3	0.908
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_innocua_1642_v3	0.8956
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_innocua_1642_v3	0.8964
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_innocua_1642_v3	0.8964
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_innocua_1642_v3	0.8953
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_innocua_1642_v3	0.8953
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_innocua_1642_v3	0.8798
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_innocua_1642_v3	0.8798
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_innocua_1642_v3	0.8846
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_innocua_1642_v3	0.8838
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_innocua_1642_v3	0.8846
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_innocua_1642_v3	0.8954
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_innocua_1642_v3	0.8957
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_innocua_1642_v3	0.8846
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_innocua_1642_v3	0.8852
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_innocua_1642_v3	0.8852
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_innocua_1642_v3	0.9065
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_innocua_1642_v3	0.9065
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_innocua_1642_v3	0.8807
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_innocua_1642_v3	0.8849
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_innocua_1642_v3	0.9019
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_innocua_1642_v3	0.9019
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_innocua_1642_v3	0.8934
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_innocua_1642_v3	0.8846

Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_innocua_1642_v3	0.8807
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_innocua_1642_v3	0.8807
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_innocua_1642_v3	0.8807
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_innocua_1642_v3	0.8846
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_innocua_1642_v3	0.8846
Listeria_monocytogenes_R479a_1437838	Listeria_innocua_1642_v3	0.8872
Listeria_monocytogenes_N53-1_1234142	Listeria_innocua_1642_v3	0.865
Listeria_monocytogenes_M7_1030009	Listeria_innocua_1642_v3	0.8957
Listeria_monocytogenes_LO28_393132	Listeria_innocua_1642_v3	0.9028
Listeria_monocytogenes_L99_563174	Listeria_innocua_1642_v3	0.8961
Listeria_monocytogenes_L312_882094	Listeria_innocua_1642_v3	0.9083
Listeria_monocytogenes_J1816_930781	Listeria_innocua_1642_v3	0.8951
Listeria_monocytogenes_J1-220_930782	Listeria_innocua_1642_v3	0.8999
Listeria_monocytogenes_J0161_393130	Listeria_innocua_1642_v3	0.9013
Listeria_monocytogenes_HCC23_552536	Listeria_innocua_1642_v3	0.8957
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_innocua_1642_v3	0.8943
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_innocua_1642_v3	0.8989
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_innocua_1642_v3	0.8971
Listeria_monocytogenes_Finland_1998_393127	Listeria_innocua_1642_v3	0.9042
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_innocua_1642_v3	0.9138
Listeria_monocytogenes_EGD-e_169963	Listeria_innocua_1642_v3	0.9141
Listeria_monocytogenes_EGD_1334565	Listeria_innocua_1642_v3	0.8985
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_innocua_1642_v3	0.9037
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_innocua_1642_v3	0.9046
Listeria_monocytogenes_ATCC_19117_882095	Listeria_innocua_1642_v3	0.9042
Listeria_monocytogenes_6179_1288295	Listeria_innocua_1642_v3	0.8969
Listeria_monocytogenes_1639_v9	Listeria_innocua_1642_v3	0.8804
Listeria_monocytogenes_1639_v99	Listeria_innocua_1642_v3	0.9048
Listeria_monocytogenes_1639_v98	Listeria_innocua_1642_v3	0.8975
Listeria_monocytogenes_1639_v97	Listeria_innocua_1642_v3	0.8988
Listeria_monocytogenes_1639_v96	Listeria_innocua_1642_v3	0.9045
Listeria_monocytogenes_1639_v95	Listeria_innocua_1642_v3	0.9045
Listeria_monocytogenes_1639_v94	Listeria_innocua_1642_v3	0.9052
Listeria_monocytogenes_1639_v93	Listeria_innocua_1642_v3	0.8904
Listeria_monocytogenes_1639_v92	Listeria_innocua_1642_v3	0.9048
Listeria_monocytogenes_1639_v91	Listeria_innocua_1642_v3	0.9031
Listeria_monocytogenes_1639_v90	Listeria_innocua_1642_v3	0.8975
Listeria_monocytogenes_1639_v8	Listeria_innocua_1642_v3	0.8812
Listeria_monocytogenes_1639_v89	Listeria_innocua_1642_v3	0.9088
Listeria_monocytogenes_1639_v88	Listeria_innocua_1642_v3	0.8935
Listeria_monocytogenes_1639_v87	Listeria_innocua_1642_v3	0.8973
Listeria_monocytogenes_1639_v86	Listeria_innocua_1642_v3	0.8969
Listeria_monocytogenes_1639_v85	Listeria_innocua_1642_v3	0.9064
Listeria_monocytogenes_1639_v84	Listeria_innocua_1642_v3	0.8948
Listeria_monocytogenes_1639_v83	Listeria_innocua_1642_v3	0.9061
Listeria_monocytogenes_1639_v82	Listeria_innocua_1642_v3	0.9054
Listeria_monocytogenes_1639_v81	Listeria_innocua_1642_v3	0.892
Listeria_monocytogenes_1639_v80	Listeria_innocua_1642_v3	0.8977
Listeria_monocytogenes_1639_v7	Listeria_innocua_1642_v3	0.8812
Listeria_monocytogenes_1639_v79	Listeria_innocua_1642_v3	0.89
Listeria_monocytogenes_1639_v78	Listeria_innocua_1642_v3	0.8917
Listeria_monocytogenes_1639_v77	Listeria_innocua_1642_v3	0.898
Listeria_monocytogenes_1639_v76	Listeria_innocua_1642_v3	0.8844
Listeria_monocytogenes_1639_v75	Listeria_innocua_1642_v3	0.8961
Listeria_monocytogenes_1639_v74	Listeria_innocua_1642_v3	0.8999
Listeria_monocytogenes_1639_v73	Listeria_innocua_1642_v3	0.9044
Listeria_monocytogenes_1639_v72	Listeria_innocua_1642_v3	0.9045
Listeria_monocytogenes_1639_v71	Listeria_innocua_1642_v3	0.8852
Listeria_monocytogenes_1639_v70	Listeria_innocua_1642_v3	0.8975
Listeria_monocytogenes_1639_v6	Listeria_innocua_1642_v3	0.8809
Listeria_monocytogenes_1639_v69	Listeria_innocua_1642_v3	0.9073
Listeria_monocytogenes_1639_v68	Listeria_innocua_1642_v3	0.9035
Listeria_monocytogenes_1639_v67	Listeria_innocua_1642_v3	0.8931
Listeria_monocytogenes_1639_v66	Listeria_innocua_1642_v3	0.8951
Listeria_monocytogenes_1639_v65	Listeria_innocua_1642_v3	0.8923
Listeria_monocytogenes_1639_v64	Listeria_innocua_1642_v3	0.8918
Listeria_monocytogenes_1639_v63	Listeria_innocua_1642_v3	0.8996
Listeria_monocytogenes_1639_v62	Listeria_innocua_1642_v3	0.8884
Listeria_monocytogenes_1639_v61	Listeria_innocua_1642_v3	0.8868
Listeria_monocytogenes_1639_v60	Listeria_innocua_1642_v3	0.8961
Listeria_monocytogenes_1639_v5	Listeria_innocua_1642_v3	0.8747
Listeria_monocytogenes_1639_v59	Listeria_innocua_1642_v3	0.8975
Listeria_monocytogenes_1639_v58	Listeria_innocua_1642_v3	0.9086
Listeria_monocytogenes_1639_v57	Listeria_innocua_1642_v3	0.892
Listeria_monocytogenes_1639_v56	Listeria_innocua_1642_v3	0.9027
Listeria_monocytogenes_1639_v55	Listeria_innocua_1642_v3	0.9041
Listeria_monocytogenes_1639_v54	Listeria_innocua_1642_v3	0.8998
Listeria_monocytogenes_1639_v53	Listeria_innocua_1642_v3	0.8938
Listeria_monocytogenes_1639_v52	Listeria_innocua_1642_v3	0.9026
Listeria_monocytogenes_1639_v51	Listeria_innocua_1642_v3	0.9081
Listeria_monocytogenes_1639_v50	Listeria_innocua_1642_v3	0.8838
Listeria_monocytogenes_1639_v4	Listeria_innocua_1642_v3	0.8836
Listeria_monocytogenes_1639_v49	Listeria_innocua_1642_v3	0.9007
Listeria_monocytogenes_1639_v48	Listeria_innocua_1642_v3	0.8922
Listeria_monocytogenes_1639_v47	Listeria_innocua_1642_v3	0.8846
Listeria_monocytogenes_1639_v46	Listeria_innocua_1642_v3	0.8969
Listeria_monocytogenes_1639_v45	Listeria_innocua_1642_v3	0.8814
Listeria_monocytogenes_1639_v44	Listeria_innocua_1642_v3	0.8846
Listeria_monocytogenes_1639_v43	Listeria_innocua_1642_v3	0.8846
Listeria_monocytogenes_1639_v42	Listeria_innocua_1642_v3	0.8856
Listeria_monocytogenes_1639_v41	Listeria_innocua_1642_v3	0.8854

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Listeria_monocytogenes_1639_v138	Listeria_innocua_1642_v3	0.9102
Listeria_monocytogenes_1639_v137	Listeria_innocua_1642_v3	0.9098
Listeria_monocytogenes_1639_v136	Listeria_innocua_1642_v3	0.895
Listeria_monocytogenes_1639_v135	Listeria_innocua_1642_v3	0.9084
Listeria_monocytogenes_1639_v134	Listeria_innocua_1642_v3	0.9031
Listeria_monocytogenes_1639_v133	Listeria_innocua_1642_v3	0.8988
Listeria_monocytogenes_1639_v132	Listeria_innocua_1642_v3	0.9023
Listeria_monocytogenes_1639_v131	Listeria_innocua_1642_v3	0.9053
Listeria_monocytogenes_1639_v130	Listeria_innocua_1642_v3	0.9031
Listeria_monocytogenes_1639_v12	Listeria_innocua_1642_v3	0.8874
Listeria_monocytogenes_1639_v129	Listeria_innocua_1642_v3	0.9075
Listeria_monocytogenes_1639_v128	Listeria_innocua_1642_v3	0.9052
Listeria_monocytogenes_1639_v127	Listeria_innocua_1642_v3	0.9093
Listeria_monocytogenes_1639_v126	Listeria_innocua_1642_v3	0.9033
Listeria_monocytogenes_1639_v125	Listeria_innocua_1642_v3	0.9014
Listeria_monocytogenes_1639_v124	Listeria_innocua_1642_v3	0.9101
Listeria_monocytogenes_1639_v123	Listeria_innocua_1642_v3	0.9037
Listeria_monocytogenes_1639_v122	Listeria_innocua_1642_v3	0.9037
Listeria_monocytogenes_1639_v121	Listeria_innocua_1642_v3	0.9037
Listeria_monocytogenes_1639_v120	Listeria_innocua_1642_v3	0.9037
Listeria_monocytogenes_1639_v11	Listeria_innocua_1642_v3	0.893
Listeria_monocytogenes_1639_v119	Listeria_innocua_1642_v3	0.9037
Listeria_monocytogenes_1639_v118	Listeria_innocua_1642_v3	0.9037
Listeria_monocytogenes_1639_v117	Listeria_innocua_1642_v3	0.8954
Listeria_monocytogenes_1639_v116	Listeria_innocua_1642_v3	0.903
Listeria_monocytogenes_1639_v115	Listeria_innocua_1642_v3	0.9034
Listeria_monocytogenes_1639_v114	Listeria_innocua_1642_v3	0.8955
Listeria_monocytogenes_1639_v113	Listeria_innocua_1642_v3	0.8977
Listeria_monocytogenes_1639_v112	Listeria_innocua_1642_v3	0.9045
Listeria_monocytogenes_1639_v111	Listeria_innocua_1642_v3	0.9042
Listeria_monocytogenes_1639_v110	Listeria_innocua_1642_v3	0.9008
Listeria_monocytogenes_1639_v10	Listeria_innocua_1642_v3	0.8746
Listeria_monocytogenes_1639_v109	Listeria_innocua_1642_v3	0.8959
Listeria_monocytogenes_1639_v108	Listeria_innocua_1642_v3	0.9062
Listeria_monocytogenes_1639_v107	Listeria_innocua_1642_v3	0.9032
Listeria_monocytogenes_1639_v106	Listeria_innocua_1642_v3	0.9036
Listeria_monocytogenes_1639_v105	Listeria_innocua_1642_v3	0.9036
Listeria_monocytogenes_1639_v104	Listeria_innocua_1642_v3	0.9036
Listeria_monocytogenes_1639_v103	Listeria_innocua_1642_v3	0.9039
Listeria_monocytogenes_1639_v102	Listeria_innocua_1642_v3	0.8914
Listeria_monocytogenes_1639_v101	Listeria_innocua_1642_v3	0.8869
Listeria_monocytogenes_1639_v100	Listeria_innocua_1642_v3	0.8866
Listeria_monocytogenes_1639	Listeria_innocua_1642_v3	0.9082
Listeria_monocytogenes_10403S_393133	Listeria_innocua_1642_v3	0.9108
Listeria_monocytogenes_08-5923_637381	Listeria_innocua_1642_v3	0.8846
Listeria_monocytogenes_08-5578_653938	Listeria_innocua_1642_v3	0.8772
Listeria_monocytogenes_07PF0776_1126011	Listeria_innocua_1642_v3	0.9035
Listeria_marthii_FSL_S4-120_702457	Listeria_innocua_1642_v3	0.8488
Listeria_marthii_529731_v1	Listeria_innocua_1642_v3	0.8951
Listeria_marthii_529731	Listeria_innocua_1642_v3	0.8901
Listeria_ivanovii_WSLC3009_1457190	Listeria_innocua_1642_v3	0.8649
Listeria_ivanovii_subsp_londoniensis_202752_v2	Listeria_innocua_1642_v3	0.864
Listeria_ivanovii_subsp_londoniensis_202752_v1	Listeria_innocua_1642_v3	0.8515
Listeria_ivanovii_subsp_londoniensis_202752	Listeria_innocua_1642_v3	0.8596
Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	Listeria_innocua_1642_v3	0.8636
Listeria_ivanovii_subsp_ivanovii_202751_v2	Listeria_innocua_1642_v3	0.8652
Listeria_ivanovii_subsp_ivanovii_202751_v1	Listeria_innocua_1642_v3	0.8652
Listeria_ivanovii_subsp_ivanovii_202751	Listeria_innocua_1642_v3	0.8652
Listeria_ivanovii_FSL_F6-596_702454	Listeria_innocua_1642_v3	0.7993
Listeria_ivanovii_1638	Listeria_innocua_1642_v3	0.8652
Listeria_innocua_FSL_S4-378_702456	Listeria_innocua_1642_v3	0.8383
Listeria_innocua_FSL_J1-023_702455	Listeria_innocua_1642_v3	0.8717
Listeria_innocua_Clip11262_272626	Listeria_innocua_1642_v3	0.9078
Listeria_innocua_1642_v4	Listeria_innocua_1642_v3	0.9161
Listeria_innocua_1642_v3	Listeria_innocua_1642_v3	0.0847
Listeria_welshimeri_1643	Listeria_innocua_1642_v4	0.8589
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_innocua_1642_v4	0.8583
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_innocua_1642_v4	0.8451
Listeria_seeligeri_FSL_S4-171_702452	Listeria_innocua_1642_v4	0.7947
Listeria_seeligeri_FSL_N1-067_702453	Listeria_innocua_1642_v4	0.808
Listeria_seeligeri_1640_v1	Listeria_innocua_1642_v4	0.8558
Listeria_seeligeri_1640	Listeria_innocua_1642_v4	0.8638
Listeria_monocytogenes_WSLC1042_1457188	Listeria_innocua_1642_v4	0.8858
Listeria_monocytogenes_WSLC1001_1457187	Listeria_innocua_1642_v4	0.8884
Listeria_monocytogenes_SLCC7179_879090	Listeria_innocua_1642_v4	0.8908
Listeria_monocytogenes_SLCC5850_882096	Listeria_innocua_1642_v4	0.892
Listeria_monocytogenes_SLCC2755_932919	Listeria_innocua_1642_v4	0.8947
Listeria_monocytogenes_SLCC2540_879089	Listeria_innocua_1642_v4	0.8851
Listeria_monocytogenes_SLCC2479_882020	Listeria_innocua_1642_v4	0.8878
Listeria_monocytogenes_SLCC2378_879088	Listeria_innocua_1642_v4	0.8871
Listeria_monocytogenes_SLCC2376_882097	Listeria_innocua_1642_v4	0.8972
Listeria_monocytogenes_SLCC2372_932920	Listeria_innocua_1642_v4	0.8958
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_innocua_1642_v4	0.8905
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_innocua_1642_v4	0.8688
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_innocua_1642_v4	0.8905
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_innocua_1642_v4	0.8937
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_innocua_1642_v4	0.8833
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_innocua_1642_v4	0.8843
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_innocua_1642_v4	0.8853
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_innocua_1642_v4	0.8846
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_innocua_1642_v4	0.8939

Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_innocua_1642_v4	0.8939
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_innocua_1642_v4	0.885
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_innocua_1642_v4	0.885
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_innocua_1642_v4	0.885
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_innocua_1642_v4	0.8874
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_innocua_1642_v4	0.8884
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_innocua_1642_v4	0.8884
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_innocua_1642_v4	0.8813
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_innocua_1642_v4	0.8813
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_innocua_1642_v4	0.8759
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_innocua_1642_v4	0.8759
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_innocua_1642_v4	0.8777
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_innocua_1642_v4	0.8772
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_innocua_1642_v4	0.878
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_innocua_1642_v4	0.8877
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_innocua_1642_v4	0.8877
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_innocua_1642_v4	0.878
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_innocua_1642_v4	0.8779
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_innocua_1642_v4	0.8779
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_innocua_1642_v4	0.8923
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_innocua_1642_v4	0.8923
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_innocua_1642_v4	0.8757
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_innocua_1642_v4	0.878
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_innocua_1642_v4	0.8866
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_innocua_1642_v4	0.8866
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_innocua_1642_v4	0.8815
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_innocua_1642_v4	0.878
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_innocua_1642_v4	0.8757
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_innocua_1642_v4	0.8757
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_innocua_1642_v4	0.8757
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_innocua_1642_v4	0.878
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_innocua_1642_v4	0.8777
Listeria_monocytogenes_R479a_1437838	Listeria_innocua_1642_v4	0.8853
Listeria_monocytogenes_N53-1_1234142	Listeria_innocua_1642_v4	0.8483
Listeria_monocytogenes_M7_1030009	Listeria_innocua_1642_v4	0.8742
Listeria_monocytogenes_LO28_393132	Listeria_innocua_1642_v4	0.8861
Listeria_monocytogenes_L99_563174	Listeria_innocua_1642_v4	0.8749
Listeria_monocytogenes_L312_882094	Listeria_innocua_1642_v4	0.8937
Listeria_monocytogenes_J1816_930781	Listeria_innocua_1642_v4	0.8789
Listeria_monocytogenes_J1-220_930782	Listeria_innocua_1642_v4	0.8841
Listeria_monocytogenes_J0161_393130	Listeria_innocua_1642_v4	0.8813
Listeria_monocytogenes_HCC23_552536	Listeria_innocua_1642_v4	0.8745
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_innocua_1642_v4	0.8868
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_innocua_1642_v4	0.8853
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_innocua_1642_v4	0.8873
Listeria_monocytogenes_Finland_1998_393127	Listeria_innocua_1642_v4	0.8907
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_innocua_1642_v4	0.8879
Listeria_monocytogenes_EGD-e_169963	Listeria_innocua_1642_v4	0.8883
Listeria_monocytogenes_EGD_1334565	Listeria_innocua_1642_v4	0.8927
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_innocua_1642_v4	0.8882
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_innocua_1642_v4	0.8883
Listeria_monocytogenes_ATCC_19117_882095	Listeria_innocua_1642_v4	0.8883
Listeria_monocytogenes_6179_1288295	Listeria_innocua_1642_v4	0.8858
Listeria_monocytogenes_1639_v9	Listeria_innocua_1642_v4	0.8876
Listeria_monocytogenes_1639_v99	Listeria_innocua_1642_v4	0.8891
Listeria_monocytogenes_1639_v98	Listeria_innocua_1642_v4	0.8827
Listeria_monocytogenes_1639_v97	Listeria_innocua_1642_v4	0.8846
Listeria_monocytogenes_1639_v96	Listeria_innocua_1642_v4	0.8877
Listeria_monocytogenes_1639_v95	Listeria_innocua_1642_v4	0.8878
Listeria_monocytogenes_1639_v94	Listeria_innocua_1642_v4	0.8881
Listeria_monocytogenes_1639_v93	Listeria_innocua_1642_v4	0.8834
Listeria_monocytogenes_1639_v92	Listeria_innocua_1642_v4	0.8902
Listeria_monocytogenes_1639_v91	Listeria_innocua_1642_v4	0.8871
Listeria_monocytogenes_1639_v90	Listeria_innocua_1642_v4	0.8827
Listeria_monocytogenes_1639_v8	Listeria_innocua_1642_v4	0.8844
Listeria_monocytogenes_1639_v89	Listeria_innocua_1642_v4	0.89
Listeria_monocytogenes_1639_v88	Listeria_innocua_1642_v4	0.8835
Listeria_monocytogenes_1639_v87	Listeria_innocua_1642_v4	0.8853
Listeria_monocytogenes_1639_v86	Listeria_innocua_1642_v4	0.885
Listeria_monocytogenes_1639_v85	Listeria_innocua_1642_v4	0.8838
Listeria_monocytogenes_1639_v84	Listeria_innocua_1642_v4	0.8843
Listeria_monocytogenes_1639_v83	Listeria_innocua_1642_v4	0.8837
Listeria_monocytogenes_1639_v82	Listeria_innocua_1642_v4	0.8831
Listeria_monocytogenes_1639_v81	Listeria_innocua_1642_v4	0.8842
Listeria_monocytogenes_1639_v80	Listeria_innocua_1642_v4	0.8843
Listeria_monocytogenes_1639_v7	Listeria_innocua_1642_v4	0.8844
Listeria_monocytogenes_1639_v79	Listeria_innocua_1642_v4	0.8815
Listeria_monocytogenes_1639_v78	Listeria_innocua_1642_v4	0.8835
Listeria_monocytogenes_1639_v77	Listeria_innocua_1642_v4	0.882
Listeria_monocytogenes_1639_v76	Listeria_innocua_1642_v4	0.8793
Listeria_monocytogenes_1639_v75	Listeria_innocua_1642_v4	0.8749
Listeria_monocytogenes_1639_v74	Listeria_innocua_1642_v4	0.8857
Listeria_monocytogenes_1639_v73	Listeria_innocua_1642_v4	0.8957
Listeria_monocytogenes_1639_v72	Listeria_innocua_1642_v4	0.884
Listeria_monocytogenes_1639_v71	Listeria_innocua_1642_v4	0.8758
Listeria_monocytogenes_1639_v70	Listeria_innocua_1642_v4	0.8914
Listeria_monocytogenes_1639_v6	Listeria_innocua_1642_v4	0.8838
Listeria_monocytogenes_1639_v69	Listeria_innocua_1642_v4	0.8846
Listeria_monocytogenes_1639_v68	Listeria_innocua_1642_v4	0.883
Listeria_monocytogenes_1639_v67	Listeria_innocua_1642_v4	0.8838
Listeria_monocytogenes_1639_v66	Listeria_innocua_1642_v4	0.8868

[illegible]

Listeria_monocytogenes_1639_v162	Listeria_innocua_1642_v4	0.8896
Listeria_monocytogenes_1639_v161	Listeria_innocua_1642_v4	0.8908
Listeria_monocytogenes_1639_v160	Listeria_innocua_1642_v4	0.8908
Listeria_monocytogenes_1639_v15	Listeria_innocua_1642_v4	0.9
Listeria_monocytogenes_1639_v159	Listeria_innocua_1642_v4	0.8896
Listeria_monocytogenes_1639_v158	Listeria_innocua_1642_v4	0.8905
Listeria_monocytogenes_1639_v157	Listeria_innocua_1642_v4	0.8905
Listeria_monocytogenes_1639_v156	Listeria_innocua_1642_v4	0.8855
Listeria_monocytogenes_1639_v155	Listeria_innocua_1642_v4	0.8884
Listeria_monocytogenes_1639_v154	Listeria_innocua_1642_v4	0.8877
Listeria_monocytogenes_1639_v153	Listeria_innocua_1642_v4	0.8884
Listeria_monocytogenes_1639_v152	Listeria_innocua_1642_v4	0.8899
Listeria_monocytogenes_1639_v151	Listeria_innocua_1642_v4	0.8899
Listeria_monocytogenes_1639_v150	Listeria_innocua_1642_v4	0.8913
Listeria_monocytogenes_1639_v14	Listeria_innocua_1642_v4	0.8763
Listeria_monocytogenes_1639_v149	Listeria_innocua_1642_v4	0.8927
Listeria_monocytogenes_1639_v148	Listeria_innocua_1642_v4	0.8886
Listeria_monocytogenes_1639_v147	Listeria_innocua_1642_v4	0.8836
Listeria_monocytogenes_1639_v146	Listeria_innocua_1642_v4	0.892
Listeria_monocytogenes_1639_v145	Listeria_innocua_1642_v4	0.8893
Listeria_monocytogenes_1639_v144	Listeria_innocua_1642_v4	0.893
Listeria_monocytogenes_1639_v143	Listeria_innocua_1642_v4	0.8925
Listeria_monocytogenes_1639_v142	Listeria_innocua_1642_v4	0.8934
Listeria_monocytogenes_1639_v141	Listeria_innocua_1642_v4	0.888
Listeria_monocytogenes_1639_v140	Listeria_innocua_1642_v4	0.8937
Listeria_monocytogenes_1639_v13	Listeria_innocua_1642_v4	0.9003
Listeria_monocytogenes_1639_v139	Listeria_innocua_1642_v4	0.8905
Listeria_monocytogenes_1639_v138	Listeria_innocua_1642_v4	0.8949
Listeria_monocytogenes_1639_v137	Listeria_innocua_1642_v4	0.8945
Listeria_monocytogenes_1639_v136	Listeria_innocua_1642_v4	0.8871
Listeria_monocytogenes_1639_v135	Listeria_innocua_1642_v4	0.8795
Listeria_monocytogenes_1639_v134	Listeria_innocua_1642_v4	0.8868
Listeria_monocytogenes_1639_v133	Listeria_innocua_1642_v4	0.8896
Listeria_monocytogenes_1639_v132	Listeria_innocua_1642_v4	0.8953
Listeria_monocytogenes_1639_v131	Listeria_innocua_1642_v4	0.8866
Listeria_monocytogenes_1639_v130	Listeria_innocua_1642_v4	0.8997
Listeria_monocytogenes_1639_v12	Listeria_innocua_1642_v4	0.8884
Listeria_monocytogenes_1639_v129	Listeria_innocua_1642_v4	0.8893
Listeria_monocytogenes_1639_v128	Listeria_innocua_1642_v4	0.8848
Listeria_monocytogenes_1639_v127	Listeria_innocua_1642_v4	0.8846
Listeria_monocytogenes_1639_v126	Listeria_innocua_1642_v4	0.8837
Listeria_monocytogenes_1639_v125	Listeria_innocua_1642_v4	0.8826
Listeria_monocytogenes_1639_v124	Listeria_innocua_1642_v4	0.8897
Listeria_monocytogenes_1639_v123	Listeria_innocua_1642_v4	0.8882
Listeria_monocytogenes_1639_v122	Listeria_innocua_1642_v4	0.8885
Listeria_monocytogenes_1639_v121	Listeria_innocua_1642_v4	0.8885
Listeria_monocytogenes_1639_v120	Listeria_innocua_1642_v4	0.8882
Listeria_monocytogenes_1639_v11	Listeria_innocua_1642_v4	0.8832
Listeria_monocytogenes_1639_v119	Listeria_innocua_1642_v4	0.8885
Listeria_monocytogenes_1639_v118	Listeria_innocua_1642_v4	0.8885
Listeria_monocytogenes_1639_v117	Listeria_innocua_1642_v4	0.8838
Listeria_monocytogenes_1639_v116	Listeria_innocua_1642_v4	0.8865
Listeria_monocytogenes_1639_v115	Listeria_innocua_1642_v4	0.8868
Listeria_monocytogenes_1639_v114	Listeria_innocua_1642_v4	0.885
Listeria_monocytogenes_1639_v113	Listeria_innocua_1642_v4	0.8904
Listeria_monocytogenes_1639_v112	Listeria_innocua_1642_v4	0.8858
Listeria_monocytogenes_1639_v111	Listeria_innocua_1642_v4	0.8983
Listeria_monocytogenes_1639_v110	Listeria_innocua_1642_v4	0.8869
Listeria_monocytogenes_1639_v10	Listeria_innocua_1642_v4	0.8862
Listeria_monocytogenes_1639_v109	Listeria_innocua_1642_v4	0.8865
Listeria_monocytogenes_1639_v108	Listeria_innocua_1642_v4	0.8876
Listeria_monocytogenes_1639_v107	Listeria_innocua_1642_v4	0.887
Listeria_monocytogenes_1639_v106	Listeria_innocua_1642_v4	0.8873
Listeria_monocytogenes_1639_v105	Listeria_innocua_1642_v4	0.8873
Listeria_monocytogenes_1639_v104	Listeria_innocua_1642_v4	0.8877
Listeria_monocytogenes_1639_v103	Listeria_innocua_1642_v4	0.8877
Listeria_monocytogenes_1639_v102	Listeria_innocua_1642_v4	0.885
Listeria_monocytogenes_1639_v101	Listeria_innocua_1642_v4	0.8868
Listeria_monocytogenes_1639_v100	Listeria_innocua_1642_v4	0.8847
Listeria_monocytogenes_1639	Listeria_innocua_1642_v4	0.8947
Listeria_monocytogenes_10403S_393133	Listeria_innocua_1642_v4	0.8915
Listeria_monocytogenes_08-5923_637381	Listeria_innocua_1642_v4	0.878
Listeria_monocytogenes_08-5578_653938	Listeria_innocua_1642_v4	0.877
Listeria_monocytogenes_07PF0776_1126011	Listeria_innocua_1642_v4	0.8868
Listeria_marthii_FSL_S4-120_702457	Listeria_innocua_1642_v4	0.8286
Listeria_marthii_529731_v1	Listeria_innocua_1642_v4	0.8739
Listeria_marthii_529731	Listeria_innocua_1642_v4	0.8718
Listeria_ivanovii_WSLC3009_1457190	Listeria_innocua_1642_v4	0.8479
Listeria_ivanovii_subsp_londoniensis_202752_v2	Listeria_innocua_1642_v4	0.8532
Listeria_ivanovii_subsp_londoniensis_202752_v1	Listeria_innocua_1642_v4	0.8499
Listeria_ivanovii_subsp_londoniensis_202752	Listeria_innocua_1642_v4	0.8451
Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	Listeria_innocua_1642_v4	0.8473
Listeria_ivanovii_subsp_ivanovii_202751_v2	Listeria_innocua_1642_v4	0.8485
Listeria_ivanovii_subsp_ivanovii_202751_v1	Listeria_innocua_1642_v4	0.8485
Listeria_ivanovii_subsp_ivanovii_202751	Listeria_innocua_1642_v4	0.8485
Listeria_ivanovii_FSL_F6-596_702454	Listeria_innocua_1642_v4	0.7848
Listeria_ivanovii_1638	Listeria_innocua_1642_v4	0.8482
Listeria_innocua_FSL_S4-378_702456	Listeria_innocua_1642_v4	0.8185
Listeria_innocua_FSL_J1-023_702455	Listeria_innocua_1642_v4	0.8453
Listeria_innocua_Clip11262_272626	Listeria_innocua_1642_v4	0.9219
Listeria_innocua_1642_v4	Listeria_innocua_1642_v4	0.0686

Listeria_welshimeri_1643	Listeria_innocua_Clip11262_272626	0.8557
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_innocua_Clip11262_272626	0.8553
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_innocua_Clip11262_272626	0.847
Listeria_seeligeri_FSL_S4-171_702452	Listeria_innocua_Clip11262_272626	0.8024
Listeria_seeligeri_FSL_N1-067_702453	Listeria_innocua_Clip11262_272626	0.8151
Listeria_seeligeri_1640_v1	Listeria_innocua_Clip11262_272626	0.8514
Listeria_seeligeri_1640	Listeria_innocua_Clip11262_272626	0.8716
Listeria_monocytogenes_WSLC1042_1457188	Listeria_innocua_Clip11262_272626	0.8826
Listeria_monocytogenes_WSLC1001_1457187	Listeria_innocua_Clip11262_272626	0.8922
Listeria_monocytogenes_SLCC7179_879090	Listeria_innocua_Clip11262_272626	0.8942
Listeria_monocytogenes_SLCC5850_882096	Listeria_innocua_Clip11262_272626	0.8943
Listeria_monocytogenes_SLCC2755_932919	Listeria_innocua_Clip11262_272626	0.8791
Listeria_monocytogenes_SLCC2540_879089	Listeria_innocua_Clip11262_272626	0.8907
Listeria_monocytogenes_SLCC2479_882020	Listeria_innocua_Clip11262_272626	0.8922
Listeria_monocytogenes_SLCC2378_879088	Listeria_innocua_Clip11262_272626	0.8835
Listeria_monocytogenes_SLCC2376_882097	Listeria_innocua_Clip11262_272626	0.8957
Listeria_monocytogenes_SLCC2372_932920	Listeria_innocua_Clip11262_272626	0.8905
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_innocua_Clip11262_272626	0.8861
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_innocua_Clip11262_272626	0.8785
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_innocua_Clip11262_272626	0.8861
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_innocua_Clip11262_272626	0.889
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_innocua_Clip11262_272626	0.8913
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_innocua_Clip11262_272626	0.8923
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_innocua_Clip11262_272626	0.8923
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_innocua_Clip11262_272626	0.8927
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_innocua_Clip11262_272626	0.8873
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_innocua_Clip11262_272626	0.8873
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_innocua_Clip11262_272626	0.892
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_innocua_Clip11262_272626	0.892
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_innocua_Clip11262_272626	0.892
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_innocua_Clip11262_272626	0.8954
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_innocua_Clip11262_272626	0.8958
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_innocua_Clip11262_272626	0.8958
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_innocua_Clip11262_272626	0.898
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_innocua_Clip11262_272626	0.898
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_innocua_Clip11262_272626	0.8838
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_innocua_Clip11262_272626	0.8838
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_innocua_Clip11262_272626	0.886
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_innocua_Clip11262_272626	0.8863
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_innocua_Clip11262_272626	0.8864
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_innocua_Clip11262_272626	0.8897
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_innocua_Clip11262_272626	0.89
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_innocua_Clip11262_272626	0.8864
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_innocua_Clip11262_272626	0.8863
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_innocua_Clip11262_272626	0.8863
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_innocua_Clip11262_272626	0.8942
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_innocua_Clip11262_272626	0.8942
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_innocua_Clip11262_272626	0.8844
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_innocua_Clip11262_272626	0.8867
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_innocua_Clip11262_272626	0.8987
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_innocua_Clip11262_272626	0.8987
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_innocua_Clip11262_272626	0.8867
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_innocua_Clip11262_272626	0.8864
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_innocua_Clip11262_272626	0.8844
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_innocua_Clip11262_272626	0.8844
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_innocua_Clip11262_272626	0.8844
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_innocua_Clip11262_272626	0.8864
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_innocua_Clip11262_272626	0.8864
Listeria_monocytogenes_R479a_1437838	Listeria_innocua_Clip11262_272626	0.8901
Listeria_monocytogenes_N53-1_1234142	Listeria_innocua_Clip11262_272626	0.8519
Listeria_monocytogenes_M7_1030009	Listeria_innocua_Clip11262_272626	0.8876
Listeria_monocytogenes_LO28_393132	Listeria_innocua_Clip11262_272626	0.8945
Listeria_monocytogenes_L99_563174	Listeria_innocua_Clip11262_272626	0.8879
Listeria_monocytogenes_L312_882094	Listeria_innocua_Clip11262_272626	0.889
Listeria_monocytogenes_J1816_930781	Listeria_innocua_Clip11262_272626	0.8884
Listeria_monocytogenes_J1-220_930782	Listeria_innocua_Clip11262_272626	0.8949
Listeria_monocytogenes_J0161_393130	Listeria_innocua_Clip11262_272626	0.8934
Listeria_monocytogenes_HCC23_552536	Listeria_innocua_Clip11262_272626	0.8872
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_innocua_Clip11262_272626	0.8923
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_innocua_Clip11262_272626	0.8714
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_innocua_Clip11262_272626	0.8939
Listeria_monocytogenes_Finland_1998_393127	Listeria_innocua_Clip11262_272626	0.8871
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_innocua_Clip11262_272626	0.8956
Listeria_monocytogenes_EGD-e_169963	Listeria_innocua_Clip11262_272626	0.896
Listeria_monocytogenes_EGD_1334565	Listeria_innocua_Clip11262_272626	0.895
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_innocua_Clip11262_272626	0.8889
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_innocua_Clip11262_272626	0.8865
Listeria_monocytogenes_ATCC_19117_882095	Listeria_innocua_Clip11262_272626	0.8861
Listeria_monocytogenes_6179_1288295	Listeria_innocua_Clip11262_272626	0.8974
Listeria_monocytogenes_1639_v9	Listeria_innocua_Clip11262_272626	0.9087
Listeria_monocytogenes_1639_v99	Listeria_innocua_Clip11262_272626	0.8961
Listeria_monocytogenes_1639_v98	Listeria_innocua_Clip11262_272626	0.8955
Listeria_monocytogenes_1639_v97	Listeria_innocua_Clip11262_272626	0.8901
Listeria_monocytogenes_1639_v96	Listeria_innocua_Clip11262_272626	0.8954
Listeria_monocytogenes_1639_v95	Listeria_innocua_Clip11262_272626	0.8954
Listeria_monocytogenes_1639_v94	Listeria_innocua_Clip11262_272626	0.8957
Listeria_monocytogenes_1639_v93	Listeria_innocua_Clip11262_272626	0.8812
Listeria_monocytogenes_1639_v92	Listeria_innocua_Clip11262_272626	0.8961
Listeria_monocytogenes_1639_v91	Listeria_innocua_Clip11262_272626	0.8955
Listeria_monocytogenes_1639_v90	Listeria_innocua_Clip11262_272626	0.8955
Listeria_monocytogenes_1639_v8	Listeria_innocua_Clip11262_272626	0.8824

[illegible]

Listeria_monocytogenes_1639_v103	Listeria_innocua_Clip11262_272626	0.8859
Listeria_monocytogenes_1639_v102	Listeria_innocua_Clip11262_272626	0.8957
Listeria_monocytogenes_1639_v101	Listeria_innocua_Clip11262_272626	0.8912
Listeria_monocytogenes_1639_v100	Listeria_innocua_Clip11262_272626	0.8894
Listeria_monocytogenes_1639	Listeria_innocua_Clip11262_272626	0.8933
Listeria_monocytogenes_10403S_393133	Listeria_innocua_Clip11262_272626	0.8974
Listeria_monocytogenes_08-5923_637381	Listeria_innocua_Clip11262_272626	0.8864
Listeria_monocytogenes_08-5578_653938	Listeria_innocua_Clip11262_272626	0.8813
Listeria_monocytogenes_07PF0776_1126011	Listeria_innocua_Clip11262_272626	0.8835
Listeria_marthii_FSL_S4-120_702457	Listeria_innocua_Clip11262_272626	0.8238
Listeria_marthii_529731_v1	Listeria_innocua_Clip11262_272626	0.8777
Listeria_marthii_529731	Listeria_innocua_Clip11262_272626	0.866
Listeria_ivanovii_WSLC3009_1457190	Listeria_innocua_Clip11262_272626	0.8464
Listeria_ivanovii_subsp_londoniensis_202752_v2	Listeria_innocua_Clip11262_272626	0.8456
Listeria_ivanovii_subsp_londoniensis_202752_v1	Listeria_innocua_Clip11262_272626	0.8507
Listeria_ivanovii_subsp_londoniensis_202752	Listeria_innocua_Clip11262_272626	0.8495
Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	Listeria_innocua_Clip11262_272626	0.8452
Listeria_ivanovii_subsp_ivanovii_202751_v2	Listeria_innocua_Clip11262_272626	0.8468
Listeria_ivanovii_subsp_ivanovii_202751_v1	Listeria_innocua_Clip11262_272626	0.8468
Listeria_ivanovii_subsp_ivanovii_202751	Listeria_innocua_Clip11262_272626	0.8468
Listeria_ivanovii_FSL_F6-596_702454	Listeria_innocua_Clip11262_272626	0.7901
Listeria_ivanovii_1638	Listeria_innocua_Clip11262_272626	0.8468
Listeria_innocua_FSL_S4-378_702456	Listeria_innocua_Clip11262_272626	0.8175
Listeria_innocua_FSL_J1-023_702455	Listeria_innocua_Clip11262_272626	0.8439
Listeria_innocua_Clip11262_272626	Listeria_innocua_Clip11262_272626	0.0873
Listeria_welshimeri_1643	Listeria_innocua_FSL_J1-023_702455	0.8482
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_innocua_FSL_J1-023_702455	0.8479
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_innocua_FSL_J1-023_702455	0.8444
Listeria_seeligeri_FSL_S4-171_702452	Listeria_innocua_FSL_J1-023_702455	0.7958
Listeria_seeligeri_FSL_N1-067_702453	Listeria_innocua_FSL_J1-023_702455	0.795
Listeria_seeligeri_1640_v1	Listeria_innocua_FSL_J1-023_702455	0.8444
Listeria_seeligeri_1640	Listeria_innocua_FSL_J1-023_702455	0.8387
Listeria_monocytogenes_WSLC1042_1457188	Listeria_innocua_FSL_J1-023_702455	0.8802
Listeria_monocytogenes_WSLC1001_1457187	Listeria_innocua_FSL_J1-023_702455	0.869
Listeria_monocytogenes_SLCC7179_879090	Listeria_innocua_FSL_J1-023_702455	0.8764
Listeria_monocytogenes_SLCC5850_882096	Listeria_innocua_FSL_J1-023_702455	0.8727
Listeria_monocytogenes_SLCC2755_932919	Listeria_innocua_FSL_J1-023_702455	0.864
Listeria_monocytogenes_SLCC2540_879089	Listeria_innocua_FSL_J1-023_702455	0.8678
Listeria_monocytogenes_SLCC2479_882020	Listeria_innocua_FSL_J1-023_702455	0.8672
Listeria_monocytogenes_SLCC2378_879088	Listeria_innocua_FSL_J1-023_702455	0.8812
Listeria_monocytogenes_SLCC2376_882097	Listeria_innocua_FSL_J1-023_702455	0.8882
Listeria_monocytogenes_SLCC2372_932920	Listeria_innocua_FSL_J1-023_702455	0.8602
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_innocua_FSL_J1-023_702455	0.8864
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_innocua_FSL_J1-023_702455	0.8497
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_innocua_FSL_J1-023_702455	0.8864
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_innocua_FSL_J1-023_702455	0.8827
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_innocua_FSL_J1-023_702455	0.8717
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_innocua_FSL_J1-023_702455	0.8728
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_innocua_FSL_J1-023_702455	0.8723
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_innocua_FSL_J1-023_702455	0.8732
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_innocua_FSL_J1-023_702455	0.8829
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_innocua_FSL_J1-023_702455	0.8829
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_innocua_FSL_J1-023_702455	0.8732
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_innocua_FSL_J1-023_702455	0.8732
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_innocua_FSL_J1-023_702455	0.8732
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_innocua_FSL_J1-023_702455	0.8652
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_innocua_FSL_J1-023_702455	0.8656
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_innocua_FSL_J1-023_702455	0.8656
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_innocua_FSL_J1-023_702455	0.8604
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_innocua_FSL_J1-023_702455	0.8604
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_innocua_FSL_J1-023_702455	0.8521
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_innocua_FSL_J1-023_702455	0.8521
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_innocua_FSL_J1-023_702455	0.8565
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_innocua_FSL_J1-023_702455	0.8549
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_innocua_FSL_J1-023_702455	0.8565
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_innocua_FSL_J1-023_702455	0.8745
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_innocua_FSL_J1-023_702455	0.8748
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_innocua_FSL_J1-023_702455	0.8565
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_innocua_FSL_J1-023_702455	0.8572
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_innocua_FSL_J1-023_702455	0.8572
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_innocua_FSL_J1-023_702455	0.8842
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_innocua_FSL_J1-023_702455	0.8842
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_innocua_FSL_J1-023_702455	0.853
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_innocua_FSL_J1-023_702455	0.8569
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_innocua_FSL_J1-023_702455	0.8671
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_innocua_FSL_J1-023_702455	0.8671
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_innocua_FSL_J1-023_702455	0.8639
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_innocua_FSL_J1-023_702455	0.8565
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_innocua_FSL_J1-023_702455	0.853
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_innocua_FSL_J1-023_702455	0.853
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_innocua_FSL_J1-023_702455	0.853
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_innocua_FSL_J1-023_702455	0.8565
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_innocua_FSL_J1-023_702455	0.8565
Listeria_monocytogenes_R479a_1437838	Listeria_innocua_FSL_J1-023_702455	0.8555
Listeria_monocytogenes_N53-1_1234142	Listeria_innocua_FSL_J1-023_702455	0.8377
Listeria_monocytogenes_M7_1030009	Listeria_innocua_FSL_J1-023_702455	0.8729
Listeria_monocytogenes_LO28_393132	Listeria_innocua_FSL_J1-023_702455	0.8655
Listeria_monocytogenes_L99_563174	Listeria_innocua_FSL_J1-023_702455	0.8733
Listeria_monocytogenes_L312_882094	Listeria_innocua_FSL_J1-023_702455	0.8827
Listeria_monocytogenes_J1816_930781	Listeria_innocua_FSL_J1-023_702455	0.8667
Listeria_monocytogenes_J1-220_930782	Listeria_innocua_FSL_J1-023_702455	0.8649

Listeria_monocytogenes_J0161_393130	Listeria_innocua_FSL_J1-023_702455	0.8623
Listeria_monocytogenes_HCC23_552536	Listeria_innocua_FSL_J1-023_702455	0.8729
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_innocua_FSL_J1-023_702455	0.8654
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_innocua_FSL_J1-023_702455	0.8706
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_innocua_FSL_J1-023_702455	0.8739
Listeria_monocytogenes_Finland_1998_393127	Listeria_innocua_FSL_J1-023_702455	0.881
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_innocua_FSL_J1-023_702455	0.8734
Listeria_monocytogenes_EGD-e_169963	Listeria_innocua_FSL_J1-023_702455	0.8738
Listeria_monocytogenes_EGD_1334565	Listeria_innocua_FSL_J1-023_702455	0.8734
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_innocua_FSL_J1-023_702455	0.8819
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_innocua_FSL_J1-023_702455	0.8793
Listeria_monocytogenes_ATCC_19117_882095	Listeria_innocua_FSL_J1-023_702455	0.8793
Listeria_monocytogenes_6179_1288295	Listeria_innocua_FSL_J1-023_702455	0.8517
Listeria_monocytogenes_1639_v9	Listeria_innocua_FSL_J1-023_702455	0.846
Listeria_monocytogenes_1639_v99	Listeria_innocua_FSL_J1-023_702455	0.8679
Listeria_monocytogenes_1639_v98	Listeria_innocua_FSL_J1-023_702455	0.8593
Listeria_monocytogenes_1639_v97	Listeria_innocua_FSL_J1-023_702455	0.8719
Listeria_monocytogenes_1639_v96	Listeria_innocua_FSL_J1-023_702455	0.8673
Listeria_monocytogenes_1639_v95	Listeria_innocua_FSL_J1-023_702455	0.8673
Listeria_monocytogenes_1639_v94	Listeria_innocua_FSL_J1-023_702455	0.8676
Listeria_monocytogenes_1639_v93	Listeria_innocua_FSL_J1-023_702455	0.8618
Listeria_monocytogenes_1639_v92	Listeria_innocua_FSL_J1-023_702455	0.8684
Listeria_monocytogenes_1639_v91	Listeria_innocua_FSL_J1-023_702455	0.8732
Listeria_monocytogenes_1639_v90	Listeria_innocua_FSL_J1-023_702455	0.8595
Listeria_monocytogenes_1639_v8	Listeria_innocua_FSL_J1-023_702455	0.8477
Listeria_monocytogenes_1639_v89	Listeria_innocua_FSL_J1-023_702455	0.8764
Listeria_monocytogenes_1639_v88	Listeria_innocua_FSL_J1-023_702455	0.8684
Listeria_monocytogenes_1639_v87	Listeria_innocua_FSL_J1-023_702455	0.8616
Listeria_monocytogenes_1639_v86	Listeria_innocua_FSL_J1-023_702455	0.8616
Listeria_monocytogenes_1639_v85	Listeria_innocua_FSL_J1-023_702455	0.8715
Listeria_monocytogenes_1639_v84	Listeria_innocua_FSL_J1-023_702455	0.8673
Listeria_monocytogenes_1639_v83	Listeria_innocua_FSL_J1-023_702455	0.8702
Listeria_monocytogenes_1639_v82	Listeria_innocua_FSL_J1-023_702455	0.8699
Listeria_monocytogenes_1639_v81	Listeria_innocua_FSL_J1-023_702455	0.8649
Listeria_monocytogenes_1639_v80	Listeria_innocua_FSL_J1-023_702455	0.8653
Listeria_monocytogenes_1639_v7	Listeria_innocua_FSL_J1-023_702455	0.8477
Listeria_monocytogenes_1639_v79	Listeria_innocua_FSL_J1-023_702455	0.8624
Listeria_monocytogenes_1639_v78	Listeria_innocua_FSL_J1-023_702455	0.8642
Listeria_monocytogenes_1639_v77	Listeria_innocua_FSL_J1-023_702455	0.8656
Listeria_monocytogenes_1639_v76	Listeria_innocua_FSL_J1-023_702455	0.859
Listeria_monocytogenes_1639_v75	Listeria_innocua_FSL_J1-023_702455	0.8733
Listeria_monocytogenes_1639_v74	Listeria_innocua_FSL_J1-023_702455	0.8596
Listeria_monocytogenes_1639_v73	Listeria_innocua_FSL_J1-023_702455	0.8604
Listeria_monocytogenes_1639_v72	Listeria_innocua_FSL_J1-023_702455	0.8686
Listeria_monocytogenes_1639_v71	Listeria_innocua_FSL_J1-023_702455	0.8511
Listeria_monocytogenes_1639_v70	Listeria_innocua_FSL_J1-023_702455	0.8639
Listeria_monocytogenes_1639_v6	Listeria_innocua_FSL_J1-023_702455	0.8474
Listeria_monocytogenes_1639_v69	Listeria_innocua_FSL_J1-023_702455	0.8728
Listeria_monocytogenes_1639_v68	Listeria_innocua_FSL_J1-023_702455	0.8668
Listeria_monocytogenes_1639_v67	Listeria_innocua_FSL_J1-023_702455	0.8641
Listeria_monocytogenes_1639_v66	Listeria_innocua_FSL_J1-023_702455	0.8738
Listeria_monocytogenes_1639_v65	Listeria_innocua_FSL_J1-023_702455	0.8588
Listeria_monocytogenes_1639_v64	Listeria_innocua_FSL_J1-023_702455	0.8686
Listeria_monocytogenes_1639_v63	Listeria_innocua_FSL_J1-023_702455	0.8614
Listeria_monocytogenes_1639_v62	Listeria_innocua_FSL_J1-023_702455	0.8601
Listeria_monocytogenes_1639_v61	Listeria_innocua_FSL_J1-023_702455	0.8615
Listeria_monocytogenes_1639_v60	Listeria_innocua_FSL_J1-023_702455	0.8637
Listeria_monocytogenes_1639_v5	Listeria_innocua_FSL_J1-023_702455	0.8294
Listeria_monocytogenes_1639_v59	Listeria_innocua_FSL_J1-023_702455	0.8737
Listeria_monocytogenes_1639_v58	Listeria_innocua_FSL_J1-023_702455	0.871
Listeria_monocytogenes_1639_v57	Listeria_innocua_FSL_J1-023_702455	0.8644
Listeria_monocytogenes_1639_v56	Listeria_innocua_FSL_J1-023_702455	0.8706
Listeria_monocytogenes_1639_v55	Listeria_innocua_FSL_J1-023_702455	0.8618
Listeria_monocytogenes_1639_v54	Listeria_innocua_FSL_J1-023_702455	0.87
Listeria_monocytogenes_1639_v53	Listeria_innocua_FSL_J1-023_702455	0.8698
Listeria_monocytogenes_1639_v52	Listeria_innocua_FSL_J1-023_702455	0.871
Listeria_monocytogenes_1639_v51	Listeria_innocua_FSL_J1-023_702455	0.8648
Listeria_monocytogenes_1639_v50	Listeria_innocua_FSL_J1-023_702455	0.8558
Listeria_monocytogenes_1639_v4	Listeria_innocua_FSL_J1-023_702455	0.8414
Listeria_monocytogenes_1639_v49	Listeria_innocua_FSL_J1-023_702455	0.8853
Listeria_monocytogenes_1639_v48	Listeria_innocua_FSL_J1-023_702455	0.8607
Listeria_monocytogenes_1639_v47	Listeria_innocua_FSL_J1-023_702455	0.8562
Listeria_monocytogenes_1639_v46	Listeria_innocua_FSL_J1-023_702455	0.8657
Listeria_monocytogenes_1639_v45	Listeria_innocua_FSL_J1-023_702455	0.8481
Listeria_monocytogenes_1639_v44	Listeria_innocua_FSL_J1-023_702455	0.8565
Listeria_monocytogenes_1639_v43	Listeria_innocua_FSL_J1-023_702455	0.8565
Listeria_monocytogenes_1639_v42	Listeria_innocua_FSL_J1-023_702455	0.8581
Listeria_monocytogenes_1639_v41	Listeria_innocua_FSL_J1-023_702455	0.8432
Listeria_monocytogenes_1639_v40	Listeria_innocua_FSL_J1-023_702455	0.8658
Listeria_monocytogenes_1639_v3	Listeria_innocua_FSL_J1-023_702455	0.8418
Listeria_monocytogenes_1639_v39	Listeria_innocua_FSL_J1-023_702455	0.8609
Listeria_monocytogenes_1639_v38	Listeria_innocua_FSL_J1-023_702455	0.8647
Listeria_monocytogenes_1639_v37	Listeria_innocua_FSL_J1-023_702455	0.8585
Listeria_monocytogenes_1639_v36	Listeria_innocua_FSL_J1-023_702455	0.856
Listeria_monocytogenes_1639_v35	Listeria_innocua_FSL_J1-023_702455	0.8672
Listeria_monocytogenes_1639_v34	Listeria_innocua_FSL_J1-023_702455	0.8598
Listeria_monocytogenes_1639_v33	Listeria_innocua_FSL_J1-023_702455	0.8604
Listeria_monocytogenes_1639_v32	Listeria_innocua_FSL_J1-023_702455	0.8583
Listeria_monocytogenes_1639_v31	Listeria_innocua_FSL_J1-023_702455	0.8602
Listeria_monocytogenes_1639_v30	Listeria_innocua_FSL_J1-023_702455	0.8579
Listeria_monocytogenes_1639_v2	Listeria_innocua_FSL_J1-023_702455	0.8277

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Listeria_monocytogenes_1639_v126	Listeria_innocua_FSL_J1-023_702455	0.8748
Listeria_monocytogenes_1639_v125	Listeria_innocua_FSL_J1-023_702455	0.8756
Listeria_monocytogenes_1639_v124	Listeria_innocua_FSL_J1-023_702455	0.8722
Listeria_monocytogenes_1639_v123	Listeria_innocua_FSL_J1-023_702455	0.8819
Listeria_monocytogenes_1639_v122	Listeria_innocua_FSL_J1-023_702455	0.8819
Listeria_monocytogenes_1639_v121	Listeria_innocua_FSL_J1-023_702455	0.8819
Listeria_monocytogenes_1639_v120	Listeria_innocua_FSL_J1-023_702455	0.8823
Listeria_monocytogenes_1639_v11	Listeria_innocua_FSL_J1-023_702455	0.8491
Listeria_monocytogenes_1639_v119	Listeria_innocua_FSL_J1-023_702455	0.8819
Listeria_monocytogenes_1639_v118	Listeria_innocua_FSL_J1-023_702455	0.8819
Listeria_monocytogenes_1639_v117	Listeria_innocua_FSL_J1-023_702455	0.8737
Listeria_monocytogenes_1639_v116	Listeria_innocua_FSL_J1-023_702455	0.8813
Listeria_monocytogenes_1639_v115	Listeria_innocua_FSL_J1-023_702455	0.8812
Listeria_monocytogenes_1639_v114	Listeria_innocua_FSL_J1-023_702455	0.8681
Listeria_monocytogenes_1639_v113	Listeria_innocua_FSL_J1-023_702455	0.8749
Listeria_monocytogenes_1639_v112	Listeria_innocua_FSL_J1-023_702455	0.8778
Listeria_monocytogenes_1639_v111	Listeria_innocua_FSL_J1-023_702455	0.8662
Listeria_monocytogenes_1639_v110	Listeria_innocua_FSL_J1-023_702455	0.8666
Listeria_monocytogenes_1639_v10	Listeria_innocua_FSL_J1-023_702455	0.8464
Listeria_monocytogenes_1639_v109	Listeria_innocua_FSL_J1-023_702455	0.8666
Listeria_monocytogenes_1639_v108	Listeria_innocua_FSL_J1-023_702455	0.8754
Listeria_monocytogenes_1639_v107	Listeria_innocua_FSL_J1-023_702455	0.8783
Listeria_monocytogenes_1639_v106	Listeria_innocua_FSL_J1-023_702455	0.8783
Listeria_monocytogenes_1639_v105	Listeria_innocua_FSL_J1-023_702455	0.8786
Listeria_monocytogenes_1639_v104	Listeria_innocua_FSL_J1-023_702455	0.8783
Listeria_monocytogenes_1639_v103	Listeria_innocua_FSL_J1-023_702455	0.8786
Listeria_monocytogenes_1639_v102	Listeria_innocua_FSL_J1-023_702455	0.8653
Listeria_monocytogenes_1639_v101	Listeria_innocua_FSL_J1-023_702455	0.8548
Listeria_monocytogenes_1639_v100	Listeria_innocua_FSL_J1-023_702455	0.8545
Listeria_monocytogenes_1639	Listeria_innocua_FSL_J1-023_702455	0.8825
Listeria_monocytogenes_10403S_393133	Listeria_innocua_FSL_J1-023_702455	0.8751
Listeria_monocytogenes_08-5923_637381	Listeria_innocua_FSL_J1-023_702455	0.8565
Listeria_monocytogenes_08-5578_653938	Listeria_innocua_FSL_J1-023_702455	0.8443
Listeria_monocytogenes_07PF0776_1126011	Listeria_innocua_FSL_J1-023_702455	0.8832
Listeria_marthii_FSL_S4-120_702457	Listeria_innocua_FSL_J1-023_702455	0.8349
Listeria_marthii_529731_v1	Listeria_innocua_FSL_J1-023_702455	0.8512
Listeria_marthii_529731	Listeria_innocua_FSL_J1-023_702455	0.8588
Listeria_ivanovii_WSLC3009_1457190	Listeria_innocua_FSL_J1-023_702455	0.8447
Listeria_ivanovii_subsp_londoniensis_202752_v2	Listeria_innocua_FSL_J1-023_702455	0.8418
Listeria_ivanovii_subsp_londoniensis_202752_v1	Listeria_innocua_FSL_J1-023_702455	0.8423
Listeria_ivanovii_subsp_londoniensis_202752	Listeria_innocua_FSL_J1-023_702455	0.8366
Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	Listeria_innocua_FSL_J1-023_702455	0.8438
Listeria_ivanovii_subsp_ivanovii_202751_v2	Listeria_innocua_FSL_J1-023_702455	0.845
Listeria_ivanovii_subsp_ivanovii_202751_v1	Listeria_innocua_FSL_J1-023_702455	0.845
Listeria_ivanovii_subsp_ivanovii_202751	Listeria_innocua_FSL_J1-023_702455	0.845
Listeria_ivanovii_FSL_F6-596_702454	Listeria_innocua_FSL_J1-023_702455	0.7859
Listeria_ivanovii_1638	Listeria_innocua_FSL_J1-023_702455	0.8458
Listeria_innocua_FSL_S4-378_702456	Listeria_innocua_FSL_J1-023_702455	0.8228
Listeria_innocua_FSL_J1-023_702455	Listeria_innocua_FSL_J1-023_702455	0.0577
Listeria_welshimeri_1643	Listeria_innocua_FSL_S4-378_702456	0.7969
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_innocua_FSL_S4-378_702456	0.7963
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_innocua_FSL_S4-378_702456	0.7919
Listeria_seeligeri_FSL_S4-171_702452	Listeria_innocua_FSL_S4-378_702456	0.757
Listeria_seeligeri_FSL_N1-067_702453	Listeria_innocua_FSL_S4-378_702456	0.7494
Listeria_seeligeri_1640_v1	Listeria_innocua_FSL_S4-378_702456	0.7967
Listeria_seeligeri_1640	Listeria_innocua_FSL_S4-378_702456	0.7913
Listeria_monocytogenes_WSLC1042_1457188	Listeria_innocua_FSL_S4-378_702456	0.8268
Listeria_monocytogenes_WSLC1001_1457187	Listeria_innocua_FSL_S4-378_702456	0.824
Listeria_monocytogenes_SLCC7179_879090	Listeria_innocua_FSL_S4-378_702456	0.8294
Listeria_monocytogenes_SLCC5850_882096	Listeria_innocua_FSL_S4-378_702456	0.8274
Listeria_monocytogenes_SLCC2755_932919	Listeria_innocua_FSL_S4-378_702456	0.8304
Listeria_monocytogenes_SLCC2540_879089	Listeria_innocua_FSL_S4-378_702456	0.8208
Listeria_monocytogenes_SLCC2479_882020	Listeria_innocua_FSL_S4-378_702456	0.8137
Listeria_monocytogenes_SLCC2378_879088	Listeria_innocua_FSL_S4-378_702456	0.8281
Listeria_monocytogenes_SLCC2376_882097	Listeria_innocua_FSL_S4-378_702456	0.8368
Listeria_monocytogenes_SLCC2372_932920	Listeria_innocua_FSL_S4-378_702456	0.8072
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_innocua_FSL_S4-378_702456	0.8332
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_innocua_FSL_S4-378_702456	0.8075
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_innocua_FSL_S4-378_702456	0.8332
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_innocua_FSL_S4-378_702456	0.8389
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_innocua_FSL_S4-378_702456	0.8235
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_innocua_FSL_S4-378_702456	0.8245
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_innocua_FSL_S4-378_702456	0.8252
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_innocua_FSL_S4-378_702456	0.8249
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_innocua_FSL_S4-378_702456	0.835
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_innocua_FSL_S4-378_702456	0.835
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_innocua_FSL_S4-378_702456	0.8249
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_innocua_FSL_S4-378_702456	0.8249
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_innocua_FSL_S4-378_702456	0.8249
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_innocua_FSL_S4-378_702456	0.8121
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_innocua_FSL_S4-378_702456	0.8133
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_innocua_FSL_S4-378_702456	0.8133
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_innocua_FSL_S4-378_702456	0.8168
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_innocua_FSL_S4-378_702456	0.8168
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_innocua_FSL_S4-378_702456	0.806
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_innocua_FSL_S4-378_702456	0.806
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_innocua_FSL_S4-378_702456	0.8105
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_innocua_FSL_S4-378_702456	0.8095
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_innocua_FSL_S4-378_702456	0.8108
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_innocua_FSL_S4-378_702456	0.8227
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_innocua_FSL_S4-378_702456	0.8227

Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_innocua_FSL_S4-378_702456	0.8108
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_innocua_FSL_S4-378_702456	0.8111
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_innocua_FSL_S4-378_702456	0.8111
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_innocua_FSL_S4-378_702456	0.8344
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_innocua_FSL_S4-378_702456	0.8344
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_innocua_FSL_S4-378_702456	0.8072
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_innocua_FSL_S4-378_702456	0.8108
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_innocua_FSL_S4-378_702456	0.825
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_innocua_FSL_S4-378_702456	0.825
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_innocua_FSL_S4-378_702456	0.8169
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_innocua_FSL_S4-378_702456	0.8108
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_innocua_FSL_S4-378_702456	0.8072
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_innocua_FSL_S4-378_702456	0.8072
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_innocua_FSL_S4-378_702456	0.8072
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_innocua_FSL_S4-378_702456	0.8108
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_innocua_FSL_S4-378_702456	0.8105
Listeria_monocytogenes_R479a_1437838	Listeria_innocua_FSL_S4-378_702456	0.8083
Listeria_monocytogenes_N53-1_1234142	Listeria_innocua_FSL_S4-378_702456	0.7874
Listeria_monocytogenes_M7_1030009	Listeria_innocua_FSL_S4-378_702456	0.8126
Listeria_monocytogenes_LO28_393132	Listeria_innocua_FSL_S4-378_702456	0.816
Listeria_monocytogenes_L99_563174	Listeria_innocua_FSL_S4-378_702456	0.8133
Listeria_monocytogenes_L312_882094	Listeria_innocua_FSL_S4-378_702456	0.8389
Listeria_monocytogenes_J1816_930781	Listeria_innocua_FSL_S4-378_702456	0.8172
Listeria_monocytogenes_J1-220_930782	Listeria_innocua_FSL_S4-378_702456	0.8191
Listeria_monocytogenes_J0161_393130	Listeria_innocua_FSL_S4-378_702456	0.817
Listeria_monocytogenes_HCC23_552536	Listeria_innocua_FSL_S4-378_702456	0.813
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_innocua_FSL_S4-378_702456	0.8128
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_innocua_FSL_S4-378_702456	0.8266
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_innocua_FSL_S4-378_702456	0.8232
Listeria_monocytogenes_Finland_1998_393127	Listeria_innocua_FSL_S4-378_702456	0.8293
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_innocua_FSL_S4-378_702456	0.8214
Listeria_monocytogenes_EGD-e_169963	Listeria_innocua_FSL_S4-378_702456	0.8218
Listeria_monocytogenes_EGD_1334565	Listeria_innocua_FSL_S4-378_702456	0.8281
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_innocua_FSL_S4-378_702456	0.8328
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_innocua_FSL_S4-378_702456	0.8292
Listeria_monocytogenes_ATCC_19117_882095	Listeria_innocua_FSL_S4-378_702456	0.8295
Listeria_monocytogenes_6179_1288295	Listeria_innocua_FSL_S4-378_702456	0.8087
Listeria_monocytogenes_1639_v9	Listeria_innocua_FSL_S4-378_702456	0.8036
Listeria_monocytogenes_1639_v99	Listeria_innocua_FSL_S4-378_702456	0.8176
Listeria_monocytogenes_1639_v98	Listeria_innocua_FSL_S4-378_702456	0.8195
Listeria_monocytogenes_1639_v97	Listeria_innocua_FSL_S4-378_702456	0.8235
Listeria_monocytogenes_1639_v96	Listeria_innocua_FSL_S4-378_702456	0.8166
Listeria_monocytogenes_1639_v95	Listeria_innocua_FSL_S4-378_702456	0.8167
Listeria_monocytogenes_1639_v94	Listeria_innocua_FSL_S4-378_702456	0.8166
Listeria_monocytogenes_1639_v93	Listeria_innocua_FSL_S4-378_702456	0.8076
Listeria_monocytogenes_1639_v92	Listeria_innocua_FSL_S4-378_702456	0.8188
Listeria_monocytogenes_1639_v91	Listeria_innocua_FSL_S4-378_702456	0.8243
Listeria_monocytogenes_1639_v90	Listeria_innocua_FSL_S4-378_702456	0.8195
Listeria_monocytogenes_1639_v8	Listeria_innocua_FSL_S4-378_702456	0.8093
Listeria_monocytogenes_1639_v89	Listeria_innocua_FSL_S4-378_702456	0.8305
Listeria_monocytogenes_1639_v88	Listeria_innocua_FSL_S4-378_702456	0.8217
Listeria_monocytogenes_1639_v87	Listeria_innocua_FSL_S4-378_702456	0.8216
Listeria_monocytogenes_1639_v86	Listeria_innocua_FSL_S4-378_702456	0.8217
Listeria_monocytogenes_1639_v85	Listeria_innocua_FSL_S4-378_702456	0.823
Listeria_monocytogenes_1639_v84	Listeria_innocua_FSL_S4-378_702456	0.8189
Listeria_monocytogenes_1639_v83	Listeria_innocua_FSL_S4-378_702456	0.8274
Listeria_monocytogenes_1639_v82	Listeria_innocua_FSL_S4-378_702456	0.8267
Listeria_monocytogenes_1639_v81	Listeria_innocua_FSL_S4-378_702456	0.8151
Listeria_monocytogenes_1639_v80	Listeria_innocua_FSL_S4-378_702456	0.8216
Listeria_monocytogenes_1639_v7	Listeria_innocua_FSL_S4-378_702456	0.8093
Listeria_monocytogenes_1639_v79	Listeria_innocua_FSL_S4-378_702456	0.8132
Listeria_monocytogenes_1639_v78	Listeria_innocua_FSL_S4-378_702456	0.8156
Listeria_monocytogenes_1639_v77	Listeria_innocua_FSL_S4-378_702456	0.8188
Listeria_monocytogenes_1639_v76	Listeria_innocua_FSL_S4-378_702456	0.8117
Listeria_monocytogenes_1639_v75	Listeria_innocua_FSL_S4-378_702456	0.8133
Listeria_monocytogenes_1639_v74	Listeria_innocua_FSL_S4-378_702456	0.8171
Listeria_monocytogenes_1639_v73	Listeria_innocua_FSL_S4-378_702456	0.8112
Listeria_monocytogenes_1639_v72	Listeria_innocua_FSL_S4-378_702456	0.8241
Listeria_monocytogenes_1639_v71	Listeria_innocua_FSL_S4-378_702456	0.8056
Listeria_monocytogenes_1639_v70	Listeria_innocua_FSL_S4-378_702456	0.8106
Listeria_monocytogenes_1639_v6	Listeria_innocua_FSL_S4-378_702456	0.8087
Listeria_monocytogenes_1639_v69	Listeria_innocua_FSL_S4-378_702456	0.8249
Listeria_monocytogenes_1639_v68	Listeria_innocua_FSL_S4-378_702456	0.8181
Listeria_monocytogenes_1639_v67	Listeria_innocua_FSL_S4-378_702456	0.817
Listeria_monocytogenes_1639_v66	Listeria_innocua_FSL_S4-378_702456	0.8213
Listeria_monocytogenes_1639_v65	Listeria_innocua_FSL_S4-378_702456	0.8155
Listeria_monocytogenes_1639_v64	Listeria_innocua_FSL_S4-378_702456	0.8162
Listeria_monocytogenes_1639_v63	Listeria_innocua_FSL_S4-378_702456	0.8147
Listeria_monocytogenes_1639_v62	Listeria_innocua_FSL_S4-378_702456	0.8113
Listeria_monocytogenes_1639_v61	Listeria_innocua_FSL_S4-378_702456	0.8155
Listeria_monocytogenes_1639_v60	Listeria_innocua_FSL_S4-378_702456	0.8139
Listeria_monocytogenes_1639_v5	Listeria_innocua_FSL_S4-378_702456	0.7976
Listeria_monocytogenes_1639_v59	Listeria_innocua_FSL_S4-378_702456	0.8222
Listeria_monocytogenes_1639_v58	Listeria_innocua_FSL_S4-378_702456	0.8242
Listeria_monocytogenes_1639_v57	Listeria_innocua_FSL_S4-378_702456	0.8147
Listeria_monocytogenes_1639_v56	Listeria_innocua_FSL_S4-378_702456	0.8227
Listeria_monocytogenes_1639_v55	Listeria_innocua_FSL_S4-378_702456	0.8169
Listeria_monocytogenes_1639_v54	Listeria_innocua_FSL_S4-378_702456	0.8207
Listeria_monocytogenes_1639_v53	Listeria_innocua_FSL_S4-378_702456	0.8162
Listeria_monocytogenes_1639_v52	Listeria_innocua_FSL_S4-378_702456	0.8237
Listeria_monocytogenes_1639_v51	Listeria_innocua_FSL_S4-378_702456	0.8202

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Listeria_monocytogenes_1639_v148	Listeria_innocua_FSL_S4-378_702456	0.8301
Listeria_monocytogenes_1639_v147	Listeria_innocua_FSL_S4-378_702456	0.8188
Listeria_monocytogenes_1639_v146	Listeria_innocua_FSL_S4-378_702456	0.8303
Listeria_monocytogenes_1639_v145	Listeria_innocua_FSL_S4-378_702456	0.8273
Listeria_monocytogenes_1639_v144	Listeria_innocua_FSL_S4-378_702456	0.8382
Listeria_monocytogenes_1639_v143	Listeria_innocua_FSL_S4-378_702456	0.8278
Listeria_monocytogenes_1639_v142	Listeria_innocua_FSL_S4-378_702456	0.8386
Listeria_monocytogenes_1639_v141	Listeria_innocua_FSL_S4-378_702456	0.8312
Listeria_monocytogenes_1639_v140	Listeria_innocua_FSL_S4-378_702456	0.8389
Listeria_monocytogenes_1639_v13	Listeria_innocua_FSL_S4-378_702456	0.8048
Listeria_monocytogenes_1639_v139	Listeria_innocua_FSL_S4-378_702456	0.8341
Listeria_monocytogenes_1639_v138	Listeria_innocua_FSL_S4-378_702456	0.8382
Listeria_monocytogenes_1639_v137	Listeria_innocua_FSL_S4-378_702456	0.8378
Listeria_monocytogenes_1639_v136	Listeria_innocua_FSL_S4-378_702456	0.8228
Listeria_monocytogenes_1639_v135	Listeria_innocua_FSL_S4-378_702456	0.8196
Listeria_monocytogenes_1639_v134	Listeria_innocua_FSL_S4-378_702456	0.8276
Listeria_monocytogenes_1639_v133	Listeria_innocua_FSL_S4-378_702456	0.8264
Listeria_monocytogenes_1639_v132	Listeria_innocua_FSL_S4-378_702456	0.8183
Listeria_monocytogenes_1639_v131	Listeria_innocua_FSL_S4-378_702456	0.827
Listeria_monocytogenes_1639_v130	Listeria_innocua_FSL_S4-378_702456	0.8134
Listeria_monocytogenes_1639_v12	Listeria_innocua_FSL_S4-378_702456	0.8053
Listeria_monocytogenes_1639_v129	Listeria_innocua_FSL_S4-378_702456	0.8292
Listeria_monocytogenes_1639_v128	Listeria_innocua_FSL_S4-378_702456	0.8277
Listeria_monocytogenes_1639_v127	Listeria_innocua_FSL_S4-378_702456	0.8245
Listeria_monocytogenes_1639_v126	Listeria_innocua_FSL_S4-378_702456	0.8273
Listeria_monocytogenes_1639_v125	Listeria_innocua_FSL_S4-378_702456	0.8194
Listeria_monocytogenes_1639_v124	Listeria_innocua_FSL_S4-378_702456	0.8312
Listeria_monocytogenes_1639_v123	Listeria_innocua_FSL_S4-378_702456	0.8328
Listeria_monocytogenes_1639_v122	Listeria_innocua_FSL_S4-378_702456	0.8331
Listeria_monocytogenes_1639_v121	Listeria_innocua_FSL_S4-378_702456	0.8331
Listeria_monocytogenes_1639_v120	Listeria_innocua_FSL_S4-378_702456	0.8328
Listeria_monocytogenes_1639_v11	Listeria_innocua_FSL_S4-378_702456	0.8044
Listeria_monocytogenes_1639_v119	Listeria_innocua_FSL_S4-378_702456	0.8331
Listeria_monocytogenes_1639_v118	Listeria_innocua_FSL_S4-378_702456	0.8331
Listeria_monocytogenes_1639_v117	Listeria_innocua_FSL_S4-378_702456	0.8192
Listeria_monocytogenes_1639_v116	Listeria_innocua_FSL_S4-378_702456	0.8274
Listeria_monocytogenes_1639_v115	Listeria_innocua_FSL_S4-378_702456	0.8278
Listeria_monocytogenes_1639_v114	Listeria_innocua_FSL_S4-378_702456	0.8232
Listeria_monocytogenes_1639_v113	Listeria_innocua_FSL_S4-378_702456	0.8256
Listeria_monocytogenes_1639_v112	Listeria_innocua_FSL_S4-378_702456	0.825
Listeria_monocytogenes_1639_v111	Listeria_innocua_FSL_S4-378_702456	0.8236
Listeria_monocytogenes_1639_v110	Listeria_innocua_FSL_S4-378_702456	0.8245
Listeria_monocytogenes_1639_v10	Listeria_innocua_FSL_S4-378_702456	0.8108
Listeria_monocytogenes_1639_v109	Listeria_innocua_FSL_S4-378_702456	0.8218
Listeria_monocytogenes_1639_v108	Listeria_innocua_FSL_S4-378_702456	0.8278
Listeria_monocytogenes_1639_v107	Listeria_innocua_FSL_S4-378_702456	0.8278
Listeria_monocytogenes_1639_v106	Listeria_innocua_FSL_S4-378_702456	0.8282
Listeria_monocytogenes_1639_v105	Listeria_innocua_FSL_S4-378_702456	0.8282
Listeria_monocytogenes_1639_v104	Listeria_innocua_FSL_S4-378_702456	0.8285
Listeria_monocytogenes_1639_v103	Listeria_innocua_FSL_S4-378_702456	0.8285
Listeria_monocytogenes_1639_v102	Listeria_innocua_FSL_S4-378_702456	0.8185
Listeria_monocytogenes_1639_v101	Listeria_innocua_FSL_S4-378_702456	0.8083
Listeria_monocytogenes_1639_v100	Listeria_innocua_FSL_S4-378_702456	0.8078
Listeria_monocytogenes_1639	Listeria_innocua_FSL_S4-378_702456	0.8346
Listeria_monocytogenes_10403S_393133	Listeria_innocua_FSL_S4-378_702456	0.8316
Listeria_monocytogenes_08-5923_637381	Listeria_innocua_FSL_S4-378_702456	0.8108
Listeria_monocytogenes_08-5578_653938	Listeria_innocua_FSL_S4-378_702456	0.7987
Listeria_monocytogenes_07PF0776_1126011	Listeria_innocua_FSL_S4-378_702456	0.8313
Listeria_marthii_FSL_S4-120_702457	Listeria_innocua_FSL_S4-378_702456	0.7963
Listeria_marthii_529731_v1	Listeria_innocua_FSL_S4-378_702456	0.8184
Listeria_marthii_529731	Listeria_innocua_FSL_S4-378_702456	0.8125
Listeria_ivanovii_WSLC3009_1457190	Listeria_innocua_FSL_S4-378_702456	0.7945
Listeria_ivanovii_subsp_londoniensis_202752_v2	Listeria_innocua_FSL_S4-378_702456	0.7908
Listeria_ivanovii_subsp_londoniensis_202752_v1	Listeria_innocua_FSL_S4-378_702456	0.7833
Listeria_ivanovii_subsp_londoniensis_202752	Listeria_innocua_FSL_S4-378_702456	0.7873
Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	Listeria_innocua_FSL_S4-378_702456	0.7936
Listeria_ivanovii_subsp_ivanovii_202751_v2	Listeria_innocua_FSL_S4-378_702456	0.7951
Listeria_ivanovii_subsp_ivanovii_202751_v1	Listeria_innocua_FSL_S4-378_702456	0.7951
Listeria_ivanovii_subsp_ivanovii_202751	Listeria_innocua_FSL_S4-378_702456	0.7951
Listeria_ivanovii_FSL_F6-596_702454	Listeria_innocua_FSL_S4-378_702456	0.7471
Listeria_ivanovii_1638	Listeria_innocua_FSL_S4-378_702456	0.7952
Listeria_innocua_FSL_S4-378_702456	Listeria_innocua_FSL_S4-378_702456	0.0457
Listeria_welshimeri_1643	Listeria_ivanovii_1638	0.8619
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_ivanovii_1638	0.8616
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_ivanovii_1638	0.8833
Listeria_seeligeri_FSL_S4-171_702452	Listeria_ivanovii_1638	0.8195
Listeria_seeligeri_FSL_N1-067_702453	Listeria_ivanovii_1638	0.8261
Listeria_seeligeri_1640_v1	Listeria_ivanovii_1638	0.8918
Listeria_seeligeri_1640	Listeria_ivanovii_1638	0.8769
Listeria_monocytogenes_WSLC1042_1457188	Listeria_ivanovii_1638	0.8983
Listeria_monocytogenes_WSLC1001_1457187	Listeria_ivanovii_1638	0.8812
Listeria_monocytogenes_SLCC7179_879090	Listeria_ivanovii_1638	0.8885
Listeria_monocytogenes_SLCC5850_882096	Listeria_ivanovii_1638	0.8886
Listeria_monocytogenes_SLCC2755_932919	Listeria_ivanovii_1638	0.8877
Listeria_monocytogenes_SLCC2540_879089	Listeria_ivanovii_1638	0.8907
Listeria_monocytogenes_SLCC2479_882020	Listeria_ivanovii_1638	0.8797
Listeria_monocytogenes_SLCC2378_879088	Listeria_ivanovii_1638	0.8993
Listeria_monocytogenes_SLCC2376_882097	Listeria_ivanovii_1638	0.8975
Listeria_monocytogenes_SLCC2372_932920	Listeria_ivanovii_1638	0.8724
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_ivanovii_1638	0.9052
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_ivanovii_1638	0.8622

Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_ivanovii_1638	0.9052
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_ivanovii_1638	0.9039
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_ivanovii_1638	0.8887
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_ivanovii_1638	0.8897
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_ivanovii_1638	0.8904
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_ivanovii_1638	0.8901
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_ivanovii_1638	0.903
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_ivanovii_1638	0.903
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_ivanovii_1638	0.8901
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_ivanovii_1638	0.8901
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_ivanovii_1638	0.8901
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_ivanovii_1638	0.8785
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_ivanovii_1638	0.8793
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_ivanovii_1638	0.8793
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_ivanovii_1638	0.8795
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_ivanovii_1638	0.8795
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_ivanovii_1638	0.866
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_ivanovii_1638	0.866
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_ivanovii_1638	0.8711
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_ivanovii_1638	0.87
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_ivanovii_1638	0.8711
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_ivanovii_1638	0.8854
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_ivanovii_1638	0.8857
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_ivanovii_1638	0.8711
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_ivanovii_1638	0.8718
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_ivanovii_1638	0.8718
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_ivanovii_1638	0.8959
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_ivanovii_1638	0.8959
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_ivanovii_1638	0.8673
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_ivanovii_1638	0.8715
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_ivanovii_1638	0.8789
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_ivanovii_1638	0.8789
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_ivanovii_1638	0.8797
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_ivanovii_1638	0.8711
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_ivanovii_1638	0.8673
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_ivanovii_1638	0.8673
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_ivanovii_1638	0.8673
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_ivanovii_1638	0.8711
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_ivanovii_1638	0.8711
Listeria_monocytogenes_R479a_1437838	Listeria_ivanovii_1638	0.8709
Listeria_monocytogenes_N53-1_1234142	Listeria_ivanovii_1638	0.8499
Listeria_monocytogenes_M7_1030009	Listeria_ivanovii_1638	0.8608
Listeria_monocytogenes_LO28_393132	Listeria_ivanovii_1638	0.8784
Listeria_monocytogenes_L99_563174	Listeria_ivanovii_1638	0.8612
Listeria_monocytogenes_L312_882094	Listeria_ivanovii_1638	0.9039
Listeria_monocytogenes_J1816_930781	Listeria_ivanovii_1638	0.8815
Listeria_monocytogenes_J1-220_930782	Listeria_ivanovii_1638	0.8789
Listeria_monocytogenes_J0161_393130	Listeria_ivanovii_1638	0.8784
Listeria_monocytogenes_HCC23_552536	Listeria_ivanovii_1638	0.8608
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_ivanovii_1638	0.878
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_ivanovii_1638	0.8744
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_ivanovii_1638	0.8952
Listeria_monocytogenes_Finland_1998_393127	Listeria_ivanovii_1638	0.897
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_ivanovii_1638	0.8863
Listeria_monocytogenes_EGD-e_169963	Listeria_ivanovii_1638	0.8867
Listeria_monocytogenes_EGD_1334565	Listeria_ivanovii_1638	0.8863
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_ivanovii_1638	0.9004
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_ivanovii_1638	0.8978
Listeria_monocytogenes_ATCC_19117_882095	Listeria_ivanovii_1638	0.8975
Listeria_monocytogenes_6179_1288295	Listeria_ivanovii_1638	0.863
Listeria_monocytogenes_1639_v9	Listeria_ivanovii_1638	0.8678
Listeria_monocytogenes_1639_v99	Listeria_ivanovii_1638	0.8812
Listeria_monocytogenes_1639_v98	Listeria_ivanovii_1638	0.8771
Listeria_monocytogenes_1639_v97	Listeria_ivanovii_1638	0.8931
Listeria_monocytogenes_1639_v96	Listeria_ivanovii_1638	0.8805
Listeria_monocytogenes_1639_v95	Listeria_ivanovii_1638	0.8806
Listeria_monocytogenes_1639_v94	Listeria_ivanovii_1638	0.8808
Listeria_monocytogenes_1639_v93	Listeria_ivanovii_1638	0.8737
Listeria_monocytogenes_1639_v92	Listeria_ivanovii_1638	0.8808
Listeria_monocytogenes_1639_v91	Listeria_ivanovii_1638	0.8874
Listeria_monocytogenes_1639_v90	Listeria_ivanovii_1638	0.8771
Listeria_monocytogenes_1639_v8	Listeria_ivanovii_1638	0.8605
Listeria_monocytogenes_1639_v89	Listeria_ivanovii_1638	0.8938
Listeria_monocytogenes_1639_v88	Listeria_ivanovii_1638	0.8779
Listeria_monocytogenes_1639_v87	Listeria_ivanovii_1638	0.8735
Listeria_monocytogenes_1639_v86	Listeria_ivanovii_1638	0.8739
Listeria_monocytogenes_1639_v85	Listeria_ivanovii_1638	0.8884
Listeria_monocytogenes_1639_v84	Listeria_ivanovii_1638	0.8799
Listeria_monocytogenes_1639_v83	Listeria_ivanovii_1638	0.8873
Listeria_monocytogenes_1639_v82	Listeria_ivanovii_1638	0.887
Listeria_monocytogenes_1639_v81	Listeria_ivanovii_1638	0.8783
Listeria_monocytogenes_1639_v80	Listeria_ivanovii_1638	0.8837
Listeria_monocytogenes_1639_v7	Listeria_ivanovii_1638	0.8605
Listeria_monocytogenes_1639_v79	Listeria_ivanovii_1638	0.8766
Listeria_monocytogenes_1639_v78	Listeria_ivanovii_1638	0.8776
Listeria_monocytogenes_1639_v77	Listeria_ivanovii_1638	0.8798
Listeria_monocytogenes_1639_v76	Listeria_ivanovii_1638	0.8702
Listeria_monocytogenes_1639_v75	Listeria_ivanovii_1638	0.8612
Listeria_monocytogenes_1639_v74	Listeria_ivanovii_1638	0.8746
Listeria_monocytogenes_1639_v73	Listeria_ivanovii_1638	0.8738
Listeria_monocytogenes_1639_v72	Listeria_ivanovii_1638	0.8861

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Listeria_monocytogenes_1639_v169	Listeria_ivanovii_1638	0.8908
Listeria_monocytogenes_1639_v168	Listeria_ivanovii_1638	0.8964
Listeria_monocytogenes_1639_v167	Listeria_ivanovii_1638	0.8906
Listeria_monocytogenes_1639_v166	Listeria_ivanovii_1638	0.8967
Listeria_monocytogenes_1639_v165	Listeria_ivanovii_1638	0.8904
Listeria_monocytogenes_1639_v164	Listeria_ivanovii_1638	0.9066
Listeria_monocytogenes_1639_v163	Listeria_ivanovii_1638	0.8979
Listeria_monocytogenes_1639_v162	Listeria_ivanovii_1638	0.9066
Listeria_monocytogenes_1639_v161	Listeria_ivanovii_1638	0.9059
Listeria_monocytogenes_1639_v160	Listeria_ivanovii_1638	0.9059
Listeria_monocytogenes_1639_v15	Listeria_ivanovii_1638	0.8659
Listeria_monocytogenes_1639_v159	Listeria_ivanovii_1638	0.8984
Listeria_monocytogenes_1639_v158	Listeria_ivanovii_1638	0.9052
Listeria_monocytogenes_1639_v157	Listeria_ivanovii_1638	0.9052
Listeria_monocytogenes_1639_v156	Listeria_ivanovii_1638	0.8762
Listeria_monocytogenes_1639_v155	Listeria_ivanovii_1638	0.8888
Listeria_monocytogenes_1639_v154	Listeria_ivanovii_1638	0.8888
Listeria_monocytogenes_1639_v153	Listeria_ivanovii_1638	0.8891
Listeria_monocytogenes_1639_v152	Listeria_ivanovii_1638	0.8984
Listeria_monocytogenes_1639_v151	Listeria_ivanovii_1638	0.8984
Listeria_monocytogenes_1639_v150	Listeria_ivanovii_1638	0.888
Listeria_monocytogenes_1639_v14	Listeria_ivanovii_1638	0.8713
Listeria_monocytogenes_1639_v149	Listeria_ivanovii_1638	0.8867
Listeria_monocytogenes_1639_v148	Listeria_ivanovii_1638	0.8973
Listeria_monocytogenes_1639_v147	Listeria_ivanovii_1638	0.8852
Listeria_monocytogenes_1639_v146	Listeria_ivanovii_1638	0.9014
Listeria_monocytogenes_1639_v145	Listeria_ivanovii_1638	0.8932
Listeria_monocytogenes_1639_v144	Listeria_ivanovii_1638	0.904
Listeria_monocytogenes_1639_v143	Listeria_ivanovii_1638	0.8981
Listeria_monocytogenes_1639_v142	Listeria_ivanovii_1638	0.904
Listeria_monocytogenes_1639_v141	Listeria_ivanovii_1638	0.8992
Listeria_monocytogenes_1639_v140	Listeria_ivanovii_1638	0.9043
Listeria_monocytogenes_1639_v13	Listeria_ivanovii_1638	0.8659
Listeria_monocytogenes_1639_v139	Listeria_ivanovii_1638	0.8971
Listeria_monocytogenes_1639_v138	Listeria_ivanovii_1638	0.904
Listeria_monocytogenes_1639_v137	Listeria_ivanovii_1638	0.9032
Listeria_monocytogenes_1639_v136	Listeria_ivanovii_1638	0.8851
Listeria_monocytogenes_1639_v135	Listeria_ivanovii_1638	0.873
Listeria_monocytogenes_1639_v134	Listeria_ivanovii_1638	0.899
Listeria_monocytogenes_1639_v133	Listeria_ivanovii_1638	0.8919
Listeria_monocytogenes_1639_v132	Listeria_ivanovii_1638	0.8756
Listeria_monocytogenes_1639_v131	Listeria_ivanovii_1638	0.8872
Listeria_monocytogenes_1639_v130	Listeria_ivanovii_1638	0.879
Listeria_monocytogenes_1639_v12	Listeria_ivanovii_1638	0.8603
Listeria_monocytogenes_1639_v129	Listeria_ivanovii_1638	0.9001
Listeria_monocytogenes_1639_v128	Listeria_ivanovii_1638	0.8958
Listeria_monocytogenes_1639_v127	Listeria_ivanovii_1638	0.8867
Listeria_monocytogenes_1639_v126	Listeria_ivanovii_1638	0.8943
Listeria_monocytogenes_1639_v125	Listeria_ivanovii_1638	0.8881
Listeria_monocytogenes_1639_v124	Listeria_ivanovii_1638	0.8878
Listeria_monocytogenes_1639_v123	Listeria_ivanovii_1638	0.9004
Listeria_monocytogenes_1639_v122	Listeria_ivanovii_1638	0.9004
Listeria_monocytogenes_1639_v121	Listeria_ivanovii_1638	0.9004
Listeria_monocytogenes_1639_v120	Listeria_ivanovii_1638	0.9008
Listeria_monocytogenes_1639_v11	Listeria_ivanovii_1638	0.8593
Listeria_monocytogenes_1639_v119	Listeria_ivanovii_1638	0.9004
Listeria_monocytogenes_1639_v118	Listeria_ivanovii_1638	0.9004
Listeria_monocytogenes_1639_v117	Listeria_ivanovii_1638	0.8858
Listeria_monocytogenes_1639_v116	Listeria_ivanovii_1638	0.899
Listeria_monocytogenes_1639_v115	Listeria_ivanovii_1638	0.8993
Listeria_monocytogenes_1639_v114	Listeria_ivanovii_1638	0.8795
Listeria_monocytogenes_1639_v113	Listeria_ivanovii_1638	0.8943
Listeria_monocytogenes_1639_v112	Listeria_ivanovii_1638	0.8952
Listeria_monocytogenes_1639_v111	Listeria_ivanovii_1638	0.8911
Listeria_monocytogenes_1639_v110	Listeria_ivanovii_1638	0.8792
Listeria_monocytogenes_1639_v10	Listeria_ivanovii_1638	0.8641
Listeria_monocytogenes_1639_v109	Listeria_ivanovii_1638	0.8792
Listeria_monocytogenes_1639_v108	Listeria_ivanovii_1638	0.8886
Listeria_monocytogenes_1639_v107	Listeria_ivanovii_1638	0.8968
Listeria_monocytogenes_1639_v106	Listeria_ivanovii_1638	0.8968
Listeria_monocytogenes_1639_v105	Listeria_ivanovii_1638	0.8972
Listeria_monocytogenes_1639_v104	Listeria_ivanovii_1638	0.8968
Listeria_monocytogenes_1639_v103	Listeria_ivanovii_1638	0.8972
Listeria_monocytogenes_1639_v102	Listeria_ivanovii_1638	0.8814
Listeria_monocytogenes_1639_v101	Listeria_ivanovii_1638	0.8705
Listeria_monocytogenes_1639_v100	Listeria_ivanovii_1638	0.8703
Listeria_monocytogenes_1639	Listeria_ivanovii_1638	0.8969
Listeria_monocytogenes_10403S_393133	Listeria_ivanovii_1638	0.8892
Listeria_monocytogenes_08-5923_637381	Listeria_ivanovii_1638	0.8711
Listeria_monocytogenes_08-5578_653938	Listeria_ivanovii_1638	0.8583
Listeria_monocytogenes_07PF0776_1126011	Listeria_ivanovii_1638	0.9037
Listeria_marthii_FSL_S4-120_702457	Listeria_ivanovii_1638	0.8283
Listeria_marthii_529731_v1	Listeria_ivanovii_1638	0.8642
Listeria_marthii_529731	Listeria_ivanovii_1638	0.8738
Listeria_ivanovii_WSLC3009_1457190	Listeria_ivanovii_1638	0.9981
Listeria_ivanovii_subsp_londoniensis_202752_v2	Listeria_ivanovii_1638	0.9024
Listeria_ivanovii_subsp_londoniensis_202752_v1	Listeria_ivanovii_1638	0.8914
Listeria_ivanovii_subsp_londoniensis_202752	Listeria_ivanovii_1638	0.8981
Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	Listeria_ivanovii_1638	0.9946
Listeria_ivanovii_subsp_ivanovii_202751_v2	Listeria_ivanovii_1638	0.9985
Listeria_ivanovii_subsp_ivanovii_202751_v1	Listeria_ivanovii_1638	0.9985

Listeria_ivanovii_subsp_ivanovii_202751	Listeria_ivanovii_1638	0.9985
Listeria_ivanovii_FSL_F6-596_702454	Listeria_ivanovii_1638	0.8338
Listeria_ivanovii_1638	Listeria_ivanovii_1638	0.062
Listeria_welshimeri_1643	Listeria_ivanovii_FSL_F6-596_702454	0.8025
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_ivanovii_FSL_F6-596_702454	0.8022
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_ivanovii_FSL_F6-596_702454	0.8169
Listeria_seeligeri_FSL_S4-171_702452	Listeria_ivanovii_FSL_F6-596_702454	0.7857
Listeria_seeligeri_FSL_N1-067_702453	Listeria_ivanovii_FSL_F6-596_702454	0.7872
Listeria_seeligeri_1640_v1	Listeria_ivanovii_FSL_F6-596_702454	0.828
Listeria_seeligeri_1640	Listeria_ivanovii_FSL_F6-596_702454	0.815
Listeria_monocytogenes_WSLC1042_1457188	Listeria_ivanovii_FSL_F6-596_702454	0.8209
Listeria_monocytogenes_WSLC1001_1457187	Listeria_ivanovii_FSL_F6-596_702454	0.8117
Listeria_monocytogenes_SLCC7179_879090	Listeria_ivanovii_FSL_F6-596_702454	0.8189
Listeria_monocytogenes_SLCC5850_882096	Listeria_ivanovii_FSL_F6-596_702454	0.8162
Listeria_monocytogenes_SLCC2755_932919	Listeria_ivanovii_FSL_F6-596_702454	0.8139
Listeria_monocytogenes_SLCC2540_879089	Listeria_ivanovii_FSL_F6-596_702454	0.8147
Listeria_monocytogenes_SLCC2479_882020	Listeria_ivanovii_FSL_F6-596_702454	0.8149
Listeria_monocytogenes_SLCC2378_879088	Listeria_ivanovii_FSL_F6-596_702454	0.8219
Listeria_monocytogenes_SLCC2376_882097	Listeria_ivanovii_FSL_F6-596_702454	0.8233
Listeria_monocytogenes_SLCC2372_932920	Listeria_ivanovii_FSL_F6-596_702454	0.8087
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_ivanovii_FSL_F6-596_702454	0.827
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_ivanovii_FSL_F6-596_702454	0.7945
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_ivanovii_FSL_F6-596_702454	0.827
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_ivanovii_FSL_F6-596_702454	0.8275
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_ivanovii_FSL_F6-596_702454	0.8147
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_ivanovii_FSL_F6-596_702454	0.8157
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_ivanovii_FSL_F6-596_702454	0.8164
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_ivanovii_FSL_F6-596_702454	0.8161
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_ivanovii_FSL_F6-596_702454	0.8279
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_ivanovii_FSL_F6-596_702454	0.8279
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_ivanovii_FSL_F6-596_702454	0.8164
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_ivanovii_FSL_F6-596_702454	0.8164
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_ivanovii_FSL_F6-596_702454	0.8164
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_ivanovii_FSL_F6-596_702454	0.8144
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_ivanovii_FSL_F6-596_702454	0.8153
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_ivanovii_FSL_F6-596_702454	0.8153
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_ivanovii_FSL_F6-596_702454	0.8065
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_ivanovii_FSL_F6-596_702454	0.8065
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_ivanovii_FSL_F6-596_702454	0.803
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_ivanovii_FSL_F6-596_702454	0.803
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_ivanovii_FSL_F6-596_702454	0.8081
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_ivanovii_FSL_F6-596_702454	0.8065
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_ivanovii_FSL_F6-596_702454	0.8081
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_ivanovii_FSL_F6-596_702454	0.8138
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_ivanovii_FSL_F6-596_702454	0.8141
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_ivanovii_FSL_F6-596_702454	0.8081
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_ivanovii_FSL_F6-596_702454	0.8084
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_ivanovii_FSL_F6-596_702454	0.8084
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_ivanovii_FSL_F6-596_702454	0.8238
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_ivanovii_FSL_F6-596_702454	0.8238
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_ivanovii_FSL_F6-596_702454	0.8042
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_ivanovii_FSL_F6-596_702454	0.8081
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_ivanovii_FSL_F6-596_702454	0.8107
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_ivanovii_FSL_F6-596_702454	0.8107
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_ivanovii_FSL_F6-596_702454	0.8153
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_ivanovii_FSL_F6-596_702454	0.8081
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_ivanovii_FSL_F6-596_702454	0.8042
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_ivanovii_FSL_F6-596_702454	0.8042
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_ivanovii_FSL_F6-596_702454	0.8042
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_ivanovii_FSL_F6-596_702454	0.8081
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_ivanovii_FSL_F6-596_702454	0.8081
Listeria_monocytogenes_R479a_1437838	Listeria_ivanovii_FSL_F6-596_702454	0.8079
Listeria_monocytogenes_N53-1_1234142	Listeria_ivanovii_FSL_F6-596_702454	0.783
Listeria_monocytogenes_M7_1030009	Listeria_ivanovii_FSL_F6-596_702454	0.7963
Listeria_monocytogenes_LO28_393132	Listeria_ivanovii_FSL_F6-596_702454	0.8106
Listeria_monocytogenes_L99_563174	Listeria_ivanovii_FSL_F6-596_702454	0.7962
Listeria_monocytogenes_L312_882094	Listeria_ivanovii_FSL_F6-596_702454	0.8275
Listeria_monocytogenes_J1816_930781	Listeria_ivanovii_FSL_F6-596_702454	0.8184
Listeria_monocytogenes_J1-220_930782	Listeria_ivanovii_FSL_F6-596_702454	0.8084
Listeria_monocytogenes_J0161_393130	Listeria_ivanovii_FSL_F6-596_702454	0.8182
Listeria_monocytogenes_HCC23_552536	Listeria_ivanovii_FSL_F6-596_702454	0.7959
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_ivanovii_FSL_F6-596_702454	0.8132
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_ivanovii_FSL_F6-596_702454	0.8071
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_ivanovii_FSL_F6-596_702454	0.8174
Listeria_monocytogenes_Finland_1998_393127	Listeria_ivanovii_FSL_F6-596_702454	0.8272
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_ivanovii_FSL_F6-596_702454	0.8152
Listeria_monocytogenes_EGD-e_169963	Listeria_ivanovii_FSL_F6-596_702454	0.8152
Listeria_monocytogenes_EGD_1334565	Listeria_ivanovii_FSL_F6-596_702454	0.8165
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_ivanovii_FSL_F6-596_702454	0.8281
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_ivanovii_FSL_F6-596_702454	0.8233
Listeria_monocytogenes_ATCC_19117_882095	Listeria_ivanovii_FSL_F6-596_702454	0.8233
Listeria_monocytogenes_6179_1288295	Listeria_ivanovii_FSL_F6-596_702454	0.8061
Listeria_monocytogenes_1639_v9	Listeria_ivanovii_FSL_F6-596_702454	0.8006
Listeria_monocytogenes_1639_v99	Listeria_ivanovii_FSL_F6-596_702454	0.8196
Listeria_monocytogenes_1639_v98	Listeria_ivanovii_FSL_F6-596_702454	0.8138
Listeria_monocytogenes_1639_v97	Listeria_ivanovii_FSL_F6-596_702454	0.8273
Listeria_monocytogenes_1639_v96	Listeria_ivanovii_FSL_F6-596_702454	0.8186
Listeria_monocytogenes_1639_v95	Listeria_ivanovii_FSL_F6-596_702454	0.8186
Listeria_monocytogenes_1639_v94	Listeria_ivanovii_FSL_F6-596_702454	0.8193
Listeria_monocytogenes_1639_v93	Listeria_ivanovii_FSL_F6-596_702454	0.8038
Listeria_monocytogenes_1639_v92	Listeria_ivanovii_FSL_F6-596_702454	0.82

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Listeria_monocytogenes_1639_v106	Listeria_ivanovii_FSL_F6-596_702454	0.8223
Listeria_monocytogenes_1639_v105	Listeria_ivanovii_FSL_F6-596_702454	0.8227
Listeria_monocytogenes_1639_v104	Listeria_ivanovii_FSL_F6-596_702454	0.8223
Listeria_monocytogenes_1639_v103	Listeria_ivanovii_FSL_F6-596_702454	0.8226
Listeria_monocytogenes_1639_v102	Listeria_ivanovii_FSL_F6-596_702454	0.8174
Listeria_monocytogenes_1639_v101	Listeria_ivanovii_FSL_F6-596_702454	0.8076
Listeria_monocytogenes_1639_v100	Listeria_ivanovii_FSL_F6-596_702454	0.807
Listeria_monocytogenes_1639	Listeria_ivanovii_FSL_F6-596_702454	0.8251
Listeria_monocytogenes_10403S_393133	Listeria_ivanovii_FSL_F6-596_702454	0.8191
Listeria_monocytogenes_08-5923_637381	Listeria_ivanovii_FSL_F6-596_702454	0.8081
Listeria_monocytogenes_08-5578_653938	Listeria_ivanovii_FSL_F6-596_702454	0.7965
Listeria_monocytogenes_07PF0776_1126011	Listeria_ivanovii_FSL_F6-596_702454	0.827
Listeria_marthii_FSL_S4-120_702457	Listeria_ivanovii_FSL_F6-596_702454	0.7675
Listeria_marthii_529731_v1	Listeria_ivanovii_FSL_F6-596_702454	0.7941
Listeria_marthii_529731	Listeria_ivanovii_FSL_F6-596_702454	0.7989
Listeria_ivanovii_WSLC3009_1457190	Listeria_ivanovii_FSL_F6-596_702454	0.8331
Listeria_ivanovii_subsp_londoniensis_202752_v2	Listeria_ivanovii_FSL_F6-596_702454	0.9073
Listeria_ivanovii_subsp_londoniensis_202752_v1	Listeria_ivanovii_FSL_F6-596_702454	0.8719
Listeria_ivanovii_subsp_londoniensis_202752	Listeria_ivanovii_FSL_F6-596_702454	0.9234
Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	Listeria_ivanovii_FSL_F6-596_702454	0.8326
Listeria_ivanovii_subsp_ivanovii_202751_v2	Listeria_ivanovii_FSL_F6-596_702454	0.8334
Listeria_ivanovii_subsp_ivanovii_202751_v1	Listeria_ivanovii_FSL_F6-596_702454	0.8334
Listeria_ivanovii_subsp_ivanovii_202751	Listeria_ivanovii_FSL_F6-596_702454	0.8334
Listeria_ivanovii_FSL_F6-596_702454	Listeria_ivanovii_FSL_F6-596_702454	0.0514
Listeria_welshimeri_1643	Listeria_ivanovii_subsp_ivanovii_202751	0.8618
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_ivanovii_subsp_ivanovii_202751	0.8612
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_ivanovii_subsp_ivanovii_202751	0.8826
Listeria_seeligeri_FSL_S4-171_702452	Listeria_ivanovii_subsp_ivanovii_202751	0.8191
Listeria_seeligeri_FSL_N1-067_702453	Listeria_ivanovii_subsp_ivanovii_202751	0.8253
Listeria_seeligeri_1640_v1	Listeria_ivanovii_subsp_ivanovii_202751	0.891
Listeria_seeligeri_1640	Listeria_ivanovii_subsp_ivanovii_202751	0.8765
Listeria_monocytogenes_WSLC1042_1457188	Listeria_ivanovii_subsp_ivanovii_202751	0.8983
Listeria_monocytogenes_WSLC1001_1457187	Listeria_ivanovii_subsp_ivanovii_202751	0.8815
Listeria_monocytogenes_SLCC7179_879090	Listeria_ivanovii_subsp_ivanovii_202751	0.8889
Listeria_monocytogenes_SLCC5850_882096	Listeria_ivanovii_subsp_ivanovii_202751	0.8863
Listeria_monocytogenes_SLCC2755_932919	Listeria_ivanovii_subsp_ivanovii_202751	0.888
Listeria_monocytogenes_SLCC2540_879089	Listeria_ivanovii_subsp_ivanovii_202751	0.8906
Listeria_monocytogenes_SLCC2479_882020	Listeria_ivanovii_subsp_ivanovii_202751	0.8797
Listeria_monocytogenes_SLCC2378_879088	Listeria_ivanovii_subsp_ivanovii_202751	0.8997
Listeria_monocytogenes_SLCC2376_882097	Listeria_ivanovii_subsp_ivanovii_202751	0.8975
Listeria_monocytogenes_SLCC2372_932920	Listeria_ivanovii_subsp_ivanovii_202751	0.8724
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_ivanovii_subsp_ivanovii_202751	0.9056
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_ivanovii_subsp_ivanovii_202751	0.8622
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_ivanovii_subsp_ivanovii_202751	0.9056
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_ivanovii_subsp_ivanovii_202751	0.9043
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_ivanovii_subsp_ivanovii_202751	0.8887
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_ivanovii_subsp_ivanovii_202751	0.8897
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_ivanovii_subsp_ivanovii_202751	0.8908
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_ivanovii_subsp_ivanovii_202751	0.8901
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_ivanovii_subsp_ivanovii_202751	0.9026
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_ivanovii_subsp_ivanovii_202751	0.9026
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_ivanovii_subsp_ivanovii_202751	0.8904
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_ivanovii_subsp_ivanovii_202751	0.8904
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_ivanovii_subsp_ivanovii_202751	0.8904
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_ivanovii_subsp_ivanovii_202751	0.8785
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_ivanovii_subsp_ivanovii_202751	0.8797
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_ivanovii_subsp_ivanovii_202751	0.8797
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_ivanovii_subsp_ivanovii_202751	0.8795
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_ivanovii_subsp_ivanovii_202751	0.8795
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_ivanovii_subsp_ivanovii_202751	0.866
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_ivanovii_subsp_ivanovii_202751	0.866
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_ivanovii_subsp_ivanovii_202751	0.8711
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_ivanovii_subsp_ivanovii_202751	0.8703
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_ivanovii_subsp_ivanovii_202751	0.8715
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_ivanovii_subsp_ivanovii_202751	0.8857
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_ivanovii_subsp_ivanovii_202751	0.8857
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_ivanovii_subsp_ivanovii_202751	0.8715
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_ivanovii_subsp_ivanovii_202751	0.8718
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_ivanovii_subsp_ivanovii_202751	0.8718
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_ivanovii_subsp_ivanovii_202751	0.8959
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_ivanovii_subsp_ivanovii_202751	0.8959
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_ivanovii_subsp_ivanovii_202751	0.8673
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_ivanovii_subsp_ivanovii_202751	0.8715
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_ivanovii_subsp_ivanovii_202751	0.8789
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_ivanovii_subsp_ivanovii_202751	0.8789
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_ivanovii_subsp_ivanovii_202751	0.8797
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_ivanovii_subsp_ivanovii_202751	0.8715
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_ivanovii_subsp_ivanovii_202751	0.8673
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_ivanovii_subsp_ivanovii_202751	0.8673
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_ivanovii_subsp_ivanovii_202751	0.8673
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_ivanovii_subsp_ivanovii_202751	0.8715
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_ivanovii_subsp_ivanovii_202751	0.8711
Listeria_monocytogenes_R479a_1437838	Listeria_ivanovii_subsp_ivanovii_202751	0.8709
Listeria_monocytogenes_N53-1_1234142	Listeria_ivanovii_subsp_ivanovii_202751	0.8499
Listeria_monocytogenes_M7_1030009	Listeria_ivanovii_subsp_ivanovii_202751	0.8608
Listeria_monocytogenes_LO28_393132	Listeria_ivanovii_subsp_ivanovii_202751	0.8784
Listeria_monocytogenes_L99_563174	Listeria_ivanovii_subsp_ivanovii_202751	0.8615
Listeria_monocytogenes_L312_882094	Listeria_ivanovii_subsp_ivanovii_202751	0.9043
Listeria_monocytogenes_J1816_930781	Listeria_ivanovii_subsp_ivanovii_202751	0.8815
Listeria_monocytogenes_J1-220_930782	Listeria_ivanovii_subsp_ivanovii_202751	0.8789
Listeria_monocytogenes_J0161_393130	Listeria_ivanovii_subsp_ivanovii_202751	0.8784

[illegible]

[illegible]

Listeria_monocytogenes_1639_v125	Listeria_ivanovii_subsp_ivanovii_202751	0.8885
Listeria_monocytogenes_1639_v124	Listeria_ivanovii_subsp_ivanovii_202751	0.8882
Listeria_monocytogenes_1639_v123	Listeria_ivanovii_subsp_ivanovii_202751	0.9
Listeria_monocytogenes_1639_v122	Listeria_ivanovii_subsp_ivanovii_202751	0.9003
Listeria_monocytogenes_1639_v121	Listeria_ivanovii_subsp_ivanovii_202751	0.9003
Listeria_monocytogenes_1639_v120	Listeria_ivanovii_subsp_ivanovii_202751	0.9
Listeria_monocytogenes_1639_v11	Listeria_ivanovii_subsp_ivanovii_202751	0.8592
Listeria_monocytogenes_1639_v119	Listeria_ivanovii_subsp_ivanovii_202751	0.9003
Listeria_monocytogenes_1639_v118	Listeria_ivanovii_subsp_ivanovii_202751	0.9003
Listeria_monocytogenes_1639_v117	Listeria_ivanovii_subsp_ivanovii_202751	0.8862
Listeria_monocytogenes_1639_v116	Listeria_ivanovii_subsp_ivanovii_202751	0.899
Listeria_monocytogenes_1639_v115	Listeria_ivanovii_subsp_ivanovii_202751	0.8993
Listeria_monocytogenes_1639_v114	Listeria_ivanovii_subsp_ivanovii_202751	0.8798
Listeria_monocytogenes_1639_v113	Listeria_ivanovii_subsp_ivanovii_202751	0.8946
Listeria_monocytogenes_1639_v112	Listeria_ivanovii_subsp_ivanovii_202751	0.8948
Listeria_monocytogenes_1639_v111	Listeria_ivanovii_subsp_ivanovii_202751	0.8914
Listeria_monocytogenes_1639_v110	Listeria_ivanovii_subsp_ivanovii_202751	0.8796
Listeria_monocytogenes_1639_v10	Listeria_ivanovii_subsp_ivanovii_202751	0.8641
Listeria_monocytogenes_1639_v109	Listeria_ivanovii_subsp_ivanovii_202751	0.8792
Listeria_monocytogenes_1639_v108	Listeria_ivanovii_subsp_ivanovii_202751	0.8886
Listeria_monocytogenes_1639_v107	Listeria_ivanovii_subsp_ivanovii_202751	0.8964
Listeria_monocytogenes_1639_v106	Listeria_ivanovii_subsp_ivanovii_202751	0.8968
Listeria_monocytogenes_1639_v105	Listeria_ivanovii_subsp_ivanovii_202751	0.8968
Listeria_monocytogenes_1639_v104	Listeria_ivanovii_subsp_ivanovii_202751	0.8972
Listeria_monocytogenes_1639_v103	Listeria_ivanovii_subsp_ivanovii_202751	0.8972
Listeria_monocytogenes_1639_v102	Listeria_ivanovii_subsp_ivanovii_202751	0.8817
Listeria_monocytogenes_1639_v101	Listeria_ivanovii_subsp_ivanovii_202751	0.8709
Listeria_monocytogenes_1639_v100	Listeria_ivanovii_subsp_ivanovii_202751	0.8703
Listeria_monocytogenes_1639	Listeria_ivanovii_subsp_ivanovii_202751	0.8969
Listeria_monocytogenes_10403S_393133	Listeria_ivanovii_subsp_ivanovii_202751	0.8892
Listeria_monocytogenes_08-5923_637381	Listeria_ivanovii_subsp_ivanovii_202751	0.8715
Listeria_monocytogenes_08-5578_653938	Listeria_ivanovii_subsp_ivanovii_202751	0.8583
Listeria_monocytogenes_07PF0776_1126011	Listeria_ivanovii_subsp_ivanovii_202751	0.9033
Listeria_marthii_FSL_S4-120_702457	Listeria_ivanovii_subsp_ivanovii_202751	0.8275
Listeria_marthii_529731_v1	Listeria_ivanovii_subsp_ivanovii_202751	0.8638
Listeria_marthii_529731	Listeria_ivanovii_subsp_ivanovii_202751	0.8734
Listeria_ivanovii_WSLC3009_1457190	Listeria_ivanovii_subsp_ivanovii_202751	0.9992
Listeria_ivanovii_subsp_londoniensis_202752_v2	Listeria_ivanovii_subsp_ivanovii_202751	0.902
Listeria_ivanovii_subsp_londoniensis_202752_v1	Listeria_ivanovii_subsp_ivanovii_202751	0.8907
Listeria_ivanovii_subsp_londoniensis_202752	Listeria_ivanovii_subsp_ivanovii_202751	0.8974
Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	Listeria_ivanovii_subsp_ivanovii_202751	0.9954
Listeria_ivanovii_subsp_ivanovii_202751_v2	Listeria_ivanovii_subsp_ivanovii_202751	1
Listeria_ivanovii_subsp_ivanovii_202751_v1	Listeria_ivanovii_subsp_ivanovii_202751	1
Listeria_ivanovii_subsp_ivanovii_202751	Listeria_ivanovii_subsp_ivanovii_202751	0.0628
Listeria_welshimeri_1643	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8618
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8612
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8826
Listeria_seeligeri_FSL_S4-171_702452	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8191
Listeria_seeligeri_FSL_N1-067_702453	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8253
Listeria_seeligeri_1640_v1	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.891
Listeria_seeligeri_1640	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8765
Listeria_monocytogenes_WSLC1042_1457188	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8983
Listeria_monocytogenes_WSLC1001_1457187	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8815
Listeria_monocytogenes_SLCC7179_879090	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8889
Listeria_monocytogenes_SLCC5850_882096	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8863
Listeria_monocytogenes_SLCC2755_932919	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.888
Listeria_monocytogenes_SLCC2540_879089	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8906
Listeria_monocytogenes_SLCC2479_882020	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8797
Listeria_monocytogenes_SLCC2378_879088	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8997
Listeria_monocytogenes_SLCC2376_882097	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8975
Listeria_monocytogenes_SLCC2372_932920	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8724
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.9056
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8622
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.9056
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.9043
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8887
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8897
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8908
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8901
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.9026
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.9026
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8904
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8904
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8904
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8785
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8797
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8797
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8795
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8795
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.866
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.866
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8711
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8703
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8715
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8857
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8857
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8715
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8718
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8718
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8959
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8959

Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8673
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8715
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8789
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8789
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8797
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8715
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8673
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8673
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8715
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8711
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8709
Listeria_monocytogenes_R479a_1437838	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8499
Listeria_monocytogenes_N53-1_1234142	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8608
Listeria_monocytogenes_M7_1030009	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8784
Listeria_monocytogenes_LO28_393132	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8615
Listeria_monocytogenes_L99_563174	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.9043
Listeria_monocytogenes_L312_882094	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8815
Listeria_monocytogenes_J1816_930781	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8789
Listeria_monocytogenes_J1-220_930782	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8784
Listeria_monocytogenes_J0161_393130	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8612
Listeria_monocytogenes_HCC23_552536	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.878
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8744
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8948
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.897
Listeria_monocytogenes_Finland_1998_393127	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8863
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8867
Listeria_monocytogenes_EGD-e_169963	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8867
Listeria_monocytogenes_EGD_1334565	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.9
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8978
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8978
Listeria_monocytogenes_ATCC_19117_882095	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8629
Listeria_monocytogenes_6179_1288295	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8674
Listeria_monocytogenes_1639_v9	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8815
Listeria_monocytogenes_1639_v99	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8771
Listeria_monocytogenes_1639_v98	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8931
Listeria_monocytogenes_1639_v97	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8808
Listeria_monocytogenes_1639_v96	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8809
Listeria_monocytogenes_1639_v95	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8808
Listeria_monocytogenes_1639_v94	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8737
Listeria_monocytogenes_1639_v93	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8812
Listeria_monocytogenes_1639_v92	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8878
Listeria_monocytogenes_1639_v91	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8771
Listeria_monocytogenes_1639_v90	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8608
Listeria_monocytogenes_1639_v8	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8938
Listeria_monocytogenes_1639_v89	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8783
Listeria_monocytogenes_1639_v88	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8738
Listeria_monocytogenes_1639_v87	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8739
Listeria_monocytogenes_1639_v86	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.888
Listeria_monocytogenes_1639_v85	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8802
Listeria_monocytogenes_1639_v84	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8873
Listeria_monocytogenes_1639_v83	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8866
Listeria_monocytogenes_1639_v82	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8786
Listeria_monocytogenes_1639_v81	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.884
Listeria_monocytogenes_1639_v80	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8608
Listeria_monocytogenes_1639_v7	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8766
Listeria_monocytogenes_1639_v79	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8779
Listeria_monocytogenes_1639_v78	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8798
Listeria_monocytogenes_1639_v77	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8702
Listeria_monocytogenes_1639_v76	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8615
Listeria_monocytogenes_1639_v75	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8746
Listeria_monocytogenes_1639_v74	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8738
Listeria_monocytogenes_1639_v73	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8864
Listeria_monocytogenes_1639_v72	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8647
Listeria_monocytogenes_1639_v71	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8764
Listeria_monocytogenes_1639_v70	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8

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Listeria_monocytogenes_1639_v143	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.898
Listeria_monocytogenes_1639_v142	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.9039
Listeria_monocytogenes_1639_v141	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8995
Listeria_monocytogenes_1639_v140	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.9043
Listeria_monocytogenes_1639_v13	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8662
Listeria_monocytogenes_1639_v139	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8971
Listeria_monocytogenes_1639_v138	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.9036
Listeria_monocytogenes_1639_v137	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.9032
Listeria_monocytogenes_1639_v136	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8851
Listeria_monocytogenes_1639_v135	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.873
Listeria_monocytogenes_1639_v134	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8994
Listeria_monocytogenes_1639_v133	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8915
Listeria_monocytogenes_1639_v132	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8759
Listeria_monocytogenes_1639_v131	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8876
Listeria_monocytogenes_1639_v130	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8793
Listeria_monocytogenes_1639_v12	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8603
Listeria_monocytogenes_1639_v129	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.9001
Listeria_monocytogenes_1639_v128	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8958
Listeria_monocytogenes_1639_v127	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8867
Listeria_monocytogenes_1639_v126	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8946
Listeria_monocytogenes_1639_v125	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8885
Listeria_monocytogenes_1639_v124	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8882
Listeria_monocytogenes_1639_v123	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.9
Listeria_monocytogenes_1639_v122	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.9003
Listeria_monocytogenes_1639_v121	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.9003
Listeria_monocytogenes_1639_v120	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.9
Listeria_monocytogenes_1639_v11	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8592
Listeria_monocytogenes_1639_v119	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.9003
Listeria_monocytogenes_1639_v118	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.9003
Listeria_monocytogenes_1639_v117	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8862
Listeria_monocytogenes_1639_v116	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.899
Listeria_monocytogenes_1639_v115	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8993
Listeria_monocytogenes_1639_v114	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8798
Listeria_monocytogenes_1639_v113	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8946
Listeria_monocytogenes_1639_v112	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8948
Listeria_monocytogenes_1639_v111	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8914
Listeria_monocytogenes_1639_v110	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8796
Listeria_monocytogenes_1639_v10	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8641
Listeria_monocytogenes_1639_v109	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8792
Listeria_monocytogenes_1639_v108	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8886
Listeria_monocytogenes_1639_v107	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8964
Listeria_monocytogenes_1639_v106	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8968
Listeria_monocytogenes_1639_v105	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8968
Listeria_monocytogenes_1639_v104	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8972
Listeria_monocytogenes_1639_v103	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8972
Listeria_monocytogenes_1639_v102	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8817
Listeria_monocytogenes_1639_v101	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8709
Listeria_monocytogenes_1639_v100	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8703
Listeria_monocytogenes_1639	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8969
Listeria_monocytogenes_10403S_393133	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8892
Listeria_monocytogenes_08-5923_637381	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8715
Listeria_monocytogenes_08-5578_653938	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8583
Listeria_monocytogenes_07PF0776_1126011	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.9033
Listeria_marthii_FSL_S4-120_702457	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8275
Listeria_marthii_529731_v1	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8638
Listeria_marthii_529731	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8734
Listeria_ivanovii_WSLC3009_1457190	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.9992
Listeria_ivanovii_subsp_londoniensis_202752_v2	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.902
Listeria_ivanovii_subsp_londoniensis_202752_v1	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8907
Listeria_ivanovii_subsp_londoniensis_202752	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.8974
Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.9954
Listeria_ivanovii_subsp_ivanovii_202751_v2	Listeria_ivanovii_subsp_ivanovii_202751_v1	1
Listeria_ivanovii_subsp_ivanovii_202751_v1	Listeria_ivanovii_subsp_ivanovii_202751_v1	0.0624
Listeria_welshimeri_1643	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8618
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8612
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8826
Listeria_seeligeri_FSL_S4-171_702452	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8191
Listeria_seeligeri_FSL_N1-067_702453	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8253
Listeria_seeligeri_1640_v1	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.891
Listeria_seeligeri_1640	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8765
Listeria_monocytogenes_WSLC1042_1457188	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8983
Listeria_monocytogenes_WSLC1001_1457187	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8815
Listeria_monocytogenes_SLCC7179_879090	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8889
Listeria_monocytogenes_SLCC5850_882096	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8863
Listeria_monocytogenes_SLCC2755_932919	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.888
Listeria_monocytogenes_SLCC2540_879089	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8906
Listeria_monocytogenes_SLCC2479_882020	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8797
Listeria_monocytogenes_SLCC2378_879088	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8997
Listeria_monocytogenes_SLCC2376_882097	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8975
Listeria_monocytogenes_SLCC2372_932920	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8724
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.9056
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8622
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.9056
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.9043
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8887
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8897
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8908
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8901
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.9026
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.9026
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8904

Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8904
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8904
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8785
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8797
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8797
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8795
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8795
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.866
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.866
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8711
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8703
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8715
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8857
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8857
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8715
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8718
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8718
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8959
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8959
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8673
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8715
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8789
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8789
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8797
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8715
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8673
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8673
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8673
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8715
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8711
Listeria_monocytogenes_R479a_1437838	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8709
Listeria_monocytogenes_N53-1_1234142	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8499
Listeria_monocytogenes_M7_1030009	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8608
Listeria_monocytogenes_LO28_393132	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8784
Listeria_monocytogenes_L99_563174	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8615
Listeria_monocytogenes_L312_882094	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.9043
Listeria_monocytogenes_J1816_930781	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8815
Listeria_monocytogenes_J1-220_930782	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8789
Listeria_monocytogenes_J0161_393130	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8784
Listeria_monocytogenes_HCC23_552536	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8612
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.878
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8744
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8948
Listeria_monocytogenes_Finland_1998_393127	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.897
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8863
Listeria_monocytogenes_EGD-e_169963	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8867
Listeria_monocytogenes_EGD_1334565	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8867
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.9
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8978
Listeria_monocytogenes_ATCC_19117_882095	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8978
Listeria_monocytogenes_6179_1288295	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8629
Listeria_monocytogenes_1639_v9	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8674
Listeria_monocytogenes_1639_v99	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8815
Listeria_monocytogenes_1639_v98	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8771
Listeria_monocytogenes_1639_v97	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8931
Listeria_monocytogenes_1639_v96	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8808
Listeria_monocytogenes_1639_v95	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8809
Listeria_monocytogenes_1639_v94	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8808
Listeria_monocytogenes_1639_v93	Listeria_ivanovii_subsp_ivanovii_202751_v2	0.8737
Listeria_monocytogenes_1639_v92	Listeria_ivanovii_subsp_ivanovii_202751_v2	

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Listeria_monocytogenes_SLCC5850_882096	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8851
Listeria_monocytogenes_SLCC2755_932919	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8891
Listeria_monocytogenes_SLCC2540_879089	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.889
Listeria_monocytogenes_SLCC2479_882020	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8785
Listeria_monocytogenes_SLCC2378_879088	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.898
Listeria_monocytogenes_SLCC2376_882097	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8958
Listeria_monocytogenes_SLCC2372_932920	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8716
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.9038
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8609
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.9038
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.9026
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.887
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8881
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8891
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8885
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.9013
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.9013
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8888
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8888
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8888
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8773
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8784
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8784
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8779
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8779
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8648
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8648
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8699
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8691
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8703
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8845
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8845
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8703
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8706
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8706
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8946
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8946
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8661
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8703
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8777
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8777
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8784
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8703
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8661
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8661
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8661
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8703
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8699
Listeria_monocytogenes_R479a_1437838	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8697
Listeria_monocytogenes_N53-1_1234142	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8492
Listeria_monocytogenes_M7_1030009	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8619
Listeria_monocytogenes_LO28_393132	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8772
Listeria_monocytogenes_L99_563174	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8625
Listeria_monocytogenes_L312_882094	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.9026
Listeria_monocytogenes_J1816_930781	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8802
Listeria_monocytogenes_J1-220_930782	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8773
Listeria_monocytogenes_J0161_393130	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8798
Listeria_monocytogenes_HCC23_552536	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8622
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8767
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8732
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8931
Listeria_monocytogenes_Finland_1998_393127	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8988
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.885
Listeria_monocytogenes_EGD-e_169963	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8854
Listeria_monocytogenes_EGD_1334565	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8854
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8983
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8962
Listeria_monocytogenes_ATCC_19117_882095	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8961
Listeria_monocytogenes_6179_1288295	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8644
Listeria_monocytogenes_1639_v9	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8659
Listeria_monocytogenes_1639_v99	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8799
Listeria_monocytogenes_1639_v98	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8758
Listeria_monocytogenes_1639_v97	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8915
Listeria_monocytogenes_1639_v96	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8792
Listeria_monocytogenes_1639_v95	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8793
Listeria_monocytogenes_1639_v94	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8792
Listeria_monocytogenes_1639_v93	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8751
Listeria_monocytogenes_1639_v92	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8796
Listeria_monocytogenes_1639_v91	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8861
Listeria_monocytogenes_1639_v90	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8758
Listeria_monocytogenes_1639_v8	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8596
Listeria_monocytogenes_1639_v89	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8921
Listeria_monocytogenes_1639_v88	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.877
Listeria_monocytogenes_1639_v87	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8726
Listeria_monocytogenes_1639_v86	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8726
Listeria_monocytogenes_1639_v85	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8868
Listeria_monocytogenes_1639_v84	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.879
Listeria_monocytogenes_1639_v83	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8856
Listeria_monocytogenes_1639_v82	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8854
Listeria_monocytogenes_1639_v81	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8804
Listeria_monocytogenes_1639_v80	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8824

[illegible]

[illegible]

Listeria_marthii_529731_v1	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8629
Listeria_marthii_529731	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8725
Listeria_ivanovii_WSLC3009_1457190	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.9946
Listeria_ivanovii_subsp_londoniensis_202752_v2	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.9011
Listeria_ivanovii_subsp_londoniensis_202752_v1	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8924
Listeria_ivanovii_subsp_londoniensis_202752	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.8965
Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	Listeria_ivanovii_subsp_ivanovii_PAM_55_881621	0.0644
Listeria_welshimeri_1643	Listeria_ivanovii_subsp_londoniensis_202752	0.8654
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_ivanovii_subsp_londoniensis_202752	0.8651
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_ivanovii_subsp_londoniensis_202752	0.8782
Listeria_seeligeri_FSL_S4-171_702452	Listeria_ivanovii_subsp_londoniensis_202752	0.8271
Listeria_seeligeri_FSL_N1-067_702453	Listeria_ivanovii_subsp_londoniensis_202752	0.8348
Listeria_seeligeri_1640_v1	Listeria_ivanovii_subsp_londoniensis_202752	0.8928
Listeria_seeligeri_1640	Listeria_ivanovii_subsp_londoniensis_202752	0.8787
Listeria_monocytogenes_WSLC1042_1457188	Listeria_ivanovii_subsp_londoniensis_202752	0.8829
Listeria_monocytogenes_WSLC1001_1457187	Listeria_ivanovii_subsp_londoniensis_202752	0.8739
Listeria_monocytogenes_SLCC7179_879090	Listeria_ivanovii_subsp_londoniensis_202752	0.8808
Listeria_monocytogenes_SLCC5850_882096	Listeria_ivanovii_subsp_londoniensis_202752	0.8786
Listeria_monocytogenes_SLCC2755_932919	Listeria_ivanovii_subsp_londoniensis_202752	0.8763
Listeria_monocytogenes_SLCC2540_879089	Listeria_ivanovii_subsp_londoniensis_202752	0.8765
Listeria_monocytogenes_SLCC2479_882020	Listeria_ivanovii_subsp_londoniensis_202752	0.8759
Listeria_monocytogenes_SLCC2378_879088	Listeria_ivanovii_subsp_londoniensis_202752	0.8839
Listeria_monocytogenes_SLCC2376_882097	Listeria_ivanovii_subsp_londoniensis_202752	0.8837
Listeria_monocytogenes_SLCC2372_932920	Listeria_ivanovii_subsp_londoniensis_202752	0.8698
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_ivanovii_subsp_londoniensis_202752	0.8892
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_ivanovii_subsp_londoniensis_202752	0.8553
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_ivanovii_subsp_londoniensis_202752	0.8892
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_ivanovii_subsp_londoniensis_202752	0.8899
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_ivanovii_subsp_londoniensis_202752	0.8761
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_ivanovii_subsp_londoniensis_202752	0.8772
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_ivanovii_subsp_londoniensis_202752	0.8779
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_ivanovii_subsp_londoniensis_202752	0.8775
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_ivanovii_subsp_londoniensis_202752	0.8905
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_ivanovii_subsp_londoniensis_202752	0.8905
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_ivanovii_subsp_londoniensis_202752	0.8779
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_ivanovii_subsp_londoniensis_202752	0.8779
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_ivanovii_subsp_londoniensis_202752	0.8779
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_ivanovii_subsp_londoniensis_202752	0.8755
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_ivanovii_subsp_londoniensis_202752	0.8763
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_ivanovii_subsp_londoniensis_202752	0.8763
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_ivanovii_subsp_londoniensis_202752	0.8686
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_ivanovii_subsp_londoniensis_202752	0.8686
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_ivanovii_subsp_londoniensis_202752	0.8638
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_ivanovii_subsp_londoniensis_202752	0.8638
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_ivanovii_subsp_londoniensis_202752	0.8693
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_ivanovii_subsp_londoniensis_202752	0.8677
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_ivanovii_subsp_londoniensis_202752	0.8693
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_ivanovii_subsp_londoniensis_202752	0.875
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_ivanovii_subsp_londoniensis_202752	0.8754
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_ivanovii_subsp_londoniensis_202752	0.8693
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_ivanovii_subsp_londoniensis_202752	0.8695
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_ivanovii_subsp_londoniensis_202752	0.8695
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_ivanovii_subsp_londoniensis_202752	0.8868
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_ivanovii_subsp_londoniensis_202752	0.8868
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_ivanovii_subsp_londoniensis_202752	0.8651
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_ivanovii_subsp_londoniensis_202752	0.8693
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_ivanovii_subsp_londoniensis_202752	0.8728
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_ivanovii_subsp_londoniensis_202752	0.8728
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_ivanovii_subsp_londoniensis_202752	0.8769
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_ivanovii_subsp_londoniensis_202752	0.8693
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_ivanovii_subsp_londoniensis_202752	0.8651
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_ivanovii_subsp_londoniensis_202752	0.8651
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_ivanovii_subsp_londoniensis_202752	0.8651
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_ivanovii_subsp_londoniensis_202752	0.8693
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_ivanovii_subsp_londoniensis_202752	0.8693
Listeria_monocytogenes_R479a_1437838	Listeria_ivanovii_subsp_londoniensis_202752	0.869
Listeria_monocytogenes_N53-1_1234142	Listeria_ivanovii_subsp_londoniensis_202752	0.8406
Listeria_monocytogenes_M7_1030009	Listeria_ivanovii_subsp_londoniensis_202752	0.8557
Listeria_monocytogenes_LO28_393132	Listeria_ivanovii_subsp_londoniensis_202752	0.8716
Listeria_monocytogenes_L99_563174	Listeria_ivanovii_subsp_londoniensis_202752	0.8557
Listeria_monocytogenes_L312_882094	Listeria_ivanovii_subsp_londoniensis_202752	0.8899
Listeria_monocytogenes_J1816_930781	Listeria_ivanovii_subsp_londoniensis_202752	0.8799
Listeria_monocytogenes_J1-220_930782	Listeria_ivanovii_subsp_londoniensis_202752	0.8699
Listeria_monocytogenes_J0161_393130	Listeria_ivanovii_subsp_londoniensis_202752	0.8791
Listeria_monocytogenes_HCC23_552536	Listeria_ivanovii_subsp_londoniensis_202752	0.8553
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_ivanovii_subsp_londoniensis_202752	0.8742
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_ivanovii_subsp_londoniensis_202752	0.8691
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_ivanovii_subsp_londoniensis_202752	0.8798
Listeria_monocytogenes_Finland_1998_393127	Listeria_ivanovii_subsp_londoniensis_202752	0.8887
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_ivanovii_subsp_londoniensis_202752	0.8767
Listeria_monocytogenes_EGD-e_169963	Listeria_ivanovii_subsp_londoniensis_202752	0.8767
Listeria_monocytogenes_EGD_1334565	Listeria_ivanovii_subsp_londoniensis_202752	0.879
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_ivanovii_subsp_londoniensis_202752	0.8902
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_ivanovii_subsp_londoniensis_202752	0.8854
Listeria_monocytogenes_ATCC_19117_882095	Listeria_ivanovii_subsp_londoniensis_202752	0.885
Listeria_monocytogenes_6179_1288295	Listeria_ivanovii_subsp_londoniensis_202752	0.866
Listeria_monocytogenes_1639_v9	Listeria_ivanovii_subsp_londoniensis_202752	0.8619
Listeria_monocytogenes_1639_v99	Listeria_ivanovii_subsp_londoniensis_202752	0.8811
Listeria_monocytogenes_1639_v98	Listeria_ivanovii_subsp_londoniensis_202752	0.8744
Listeria_monocytogenes_1639_v97	Listeria_ivanovii_subsp_londoniensis_202752	0.888
Listeria_monocytogenes_1639_v96	Listeria_ivanovii_subsp_londoniensis_202752	0.88

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Listeria_monocytogenes_1639_v10	Listeria_ivanovii_subsp_londoniensis_202752	0.859
Listeria_monocytogenes_1639_v109	Listeria_ivanovii_subsp_londoniensis_202752	0.8798
Listeria_monocytogenes_1639_v108	Listeria_ivanovii_subsp_londoniensis_202752	0.8798
Listeria_monocytogenes_1639_v107	Listeria_ivanovii_subsp_londoniensis_202752	0.8844
Listeria_monocytogenes_1639_v106	Listeria_ivanovii_subsp_londoniensis_202752	0.8844
Listeria_monocytogenes_1639_v105	Listeria_ivanovii_subsp_londoniensis_202752	0.8848
Listeria_monocytogenes_1639_v104	Listeria_ivanovii_subsp_londoniensis_202752	0.8844
Listeria_monocytogenes_1639_v103	Listeria_ivanovii_subsp_londoniensis_202752	0.8847
Listeria_monocytogenes_1639_v102	Listeria_ivanovii_subsp_londoniensis_202752	0.8791
Listeria_monocytogenes_1639_v101	Listeria_ivanovii_subsp_londoniensis_202752	0.8687
Listeria_monocytogenes_1639_v100	Listeria_ivanovii_subsp_londoniensis_202752	0.868
Listeria_monocytogenes_1639	Listeria_ivanovii_subsp_londoniensis_202752	0.8878
Listeria_monocytogenes_10403S_393133	Listeria_ivanovii_subsp_londoniensis_202752	0.8811
Listeria_monocytogenes_08-5923_637381	Listeria_ivanovii_subsp_londoniensis_202752	0.8693
Listeria_monocytogenes_08-5578_653938	Listeria_ivanovii_subsp_londoniensis_202752	0.8569
Listeria_monocytogenes_07PF0776_1126011	Listeria_ivanovii_subsp_londoniensis_202752	0.8888
Listeria_marthii_FSL_S4-120_702457	Listeria_ivanovii_subsp_londoniensis_202752	0.8111
Listeria_marthii_529731_v1	Listeria_ivanovii_subsp_londoniensis_202752	0.8533
Listeria_marthii_529731	Listeria_ivanovii_subsp_londoniensis_202752	0.8585
Listeria_ivanovii_WSLC3009_1457190	Listeria_ivanovii_subsp_londoniensis_202752	0.897
Listeria_ivanovii_subsp_londoniensis_202752_v2	Listeria_ivanovii_subsp_londoniensis_202752	0.9821
Listeria_ivanovii_subsp_londoniensis_202752_v1	Listeria_ivanovii_subsp_londoniensis_202752	0.9437
Listeria_ivanovii_subsp_londoniensis_202752	Listeria_ivanovii_subsp_londoniensis_202752	0.0624
Listeria_welshimeri_1643	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.865
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8647
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8746
Listeria_seeligeri_FSL_S4-171_702452	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8142
Listeria_seeligeri_FSL_N1-067_702453	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8298
Listeria_seeligeri_1640_v1	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8895
Listeria_seeligeri_1640	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8749
Listeria_monocytogenes_WSLC1042_1457188	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8805
Listeria_monocytogenes_WSLC1001_1457187	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8761
Listeria_monocytogenes_SLCC7179_879090	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8738
Listeria_monocytogenes_SLCC5850_882096	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8778
Listeria_monocytogenes_SLCC2755_932919	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8736
Listeria_monocytogenes_SLCC2540_879089	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8768
Listeria_monocytogenes_SLCC2479_882020	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8784
Listeria_monocytogenes_SLCC2378_879088	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8814
Listeria_monocytogenes_SLCC2376_882097	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8774
Listeria_monocytogenes_SLCC2372_932920	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8731
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8848
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8554
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8848
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8847
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8734
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8744
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8751
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8748
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8853
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8853
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8748
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8748
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8748
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8761
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8765
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8765
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8719
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8719
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.859
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.859
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8626
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.861
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8626
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8787
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.879
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8626
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8625
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8625
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8847
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8847
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8599
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8626
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8708
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8708
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8656
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8626
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8599
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8599
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8599
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8626
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8626
Listeria_monocytogenes_R479a_1437838	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8627
Listeria_monocytogenes_N53-1_1234142	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8382
Listeria_monocytogenes_M7_1030009	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8665
Listeria_monocytogenes_LO28_393132	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8778
Listeria_monocytogenes_L99_563174	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8664
Listeria_monocytogenes_L312_882094	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8847
Listeria_monocytogenes_J1816_930781	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8679
Listeria_monocytogenes_J1-220_930782	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8754
Listeria_monocytogenes_J0161_393130	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8659
Listeria_monocytogenes_HCC23_552536	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8661

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Listeria_monocytogenes_1639_v124	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8705
Listeria_monocytogenes_1639_v123	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8854
Listeria_monocytogenes_1639_v122	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8851
Listeria_monocytogenes_1639_v121	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8851
Listeria_monocytogenes_1639_v120	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8854
Listeria_monocytogenes_1639_v11	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8601
Listeria_monocytogenes_1639_v119	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8851
Listeria_monocytogenes_1639_v118	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8851
Listeria_monocytogenes_1639_v117	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8791
Listeria_monocytogenes_1639_v116	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8811
Listeria_monocytogenes_1639_v115	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8814
Listeria_monocytogenes_1639_v114	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8733
Listeria_monocytogenes_1639_v113	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8832
Listeria_monocytogenes_1639_v112	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8782
Listeria_monocytogenes_1639_v111	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8753
Listeria_monocytogenes_1639_v110	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8727
Listeria_monocytogenes_1639_v10	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8576
Listeria_monocytogenes_1639_v109	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8719
Listeria_monocytogenes_1639_v108	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8748
Listeria_monocytogenes_1639_v107	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8824
Listeria_monocytogenes_1639_v106	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8824
Listeria_monocytogenes_1639_v105	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8827
Listeria_monocytogenes_1639_v104	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8827
Listeria_monocytogenes_1639_v103	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8726
Listeria_monocytogenes_1639_v102	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8631
Listeria_monocytogenes_1639_v101	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8621
Listeria_monocytogenes_1639_v100	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.883
Listeria_monocytogenes_1639	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8756
Listeria_monocytogenes_10403S_393133	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8626
Listeria_monocytogenes_08-5923_637381	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8523
Listeria_monocytogenes_08-5578_653938	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8833
Listeria_monocytogenes_07PF0776_1126011	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8104
Listeria_marthii_FSL_S4-120_702457	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8485
Listeria_marthii_529731_v1	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8532
Listeria_marthii_529731	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8903
Listeria_ivanovii_WSLC3009_1457190	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.9535
Listeria_ivanovii_subsp_londoniensis_202752_v2	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.0666
Listeria_ivanovii_subsp_londoniensis_202752_v1	Listeria_ivanovii_subsp_londoniensis_202752_v1	0.8683
Listeria_welshimeri_1643	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8676
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8828
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8218
Listeria_seeligeri_FSL_S4-171_702452	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.834
Listeria_seeligeri_FSL_N1-067_702453	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.9028
Listeria_seeligeri_1640_v1	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8809
Listeria_seeligeri_1640	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8897
Listeria_monocytogenes_WSLC1042_1457188	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8779
Listeria_monocytogenes_WSLC1001_1457187	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8845
Listeria_monocytogenes_SLCC7179_879090	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8827
Listeria_monocytogenes_SLCC5850_882096	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.883
Listeria_monocytogenes_SLCC2755_932919	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8809
Listeria_monocytogenes_SLCC2540_879089	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8781
Listeria_monocytogenes_SLCC2479_882020	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8911
Listeria_monocytogenes_SLCC2378_879088	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8895
Listeria_monocytogenes_SLCC2376_882097	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8723
Listeria_monocytogenes_SLCC2372_932920	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.895
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8578
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.895
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8956
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8802
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8812
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8823
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8816
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8962
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8962
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.882
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.882
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.882
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8769
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.878
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.878
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8707
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8707
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8603
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8603
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8654
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8645
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8657
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8799
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8799
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8657
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.866
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.866
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8926
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8926
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8616
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8654
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.875
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.875
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8746
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8657
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185		

Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8616
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8616
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8616
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8657
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8654
Listeria_monocytogenes_R479a_1437838	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8659
Listeria_monocytogenes_N53-1_1234142	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.845
Listeria_monocytogenes_M7_1030009	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8566
Listeria_monocytogenes_LO28_393132	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8767
Listeria_monocytogenes_L99_563174	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8569
Listeria_monocytogenes_L312_882094	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8956
Listeria_monocytogenes_J1816_930781	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8768
Listeria_monocytogenes_J1-220_930782	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8739
Listeria_monocytogenes_J0161_393130	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8748
Listeria_monocytogenes_HCC23_552536	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8566
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8767
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Listeria_monocytogenes_FSL_J1-175_393118	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8847
Listeria_monocytogenes_Finland_1998_393127	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8949
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Listeria_monocytogenes_CFSAN002349_1299895	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.896
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8927
Listeria_monocytogenes_ATCC_19117_882095	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8926
Listeria_monocytogenes_6179_1288295	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8621
Listeria_monocytogenes_1639_v9	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8573
Listeria_monocytogenes_1639_v99	Listeria_ivanovii_subsp_londoniensis_202752_v2	0.8783
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Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176

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Listeria_ivanovii_WSLC3009_1457190 0.8898
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Listeria_ivanovii_WSLC3009_1457190 0.8898
Listeria_ivanovii_WSLC3009_1457190 0.8782
Listeria_ivanovii_WSLC3009_1457190 0.879
Listeria_ivanovii_WSLC3009_1457190 0.879
Listeria_ivanovii_WSLC3009_1457190 0.8791
Listeria_ivanovii_WSLC3009_1457190 0.8791
Listeria_ivanovii_WSLC3009_1457190 0.8657
Listeria_ivanovii_WSLC3009_1457190 0.8657
Listeria_ivanovii_WSLC3009_1457190 0.8708
Listeria_ivanovii_WSLC3009_1457190 0.8696

Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_ivanovii_WSLC3009_1457190	0.8708
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_ivanovii_WSLC3009_1457190	0.8851
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_ivanovii_WSLC3009_1457190	0.8854
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_ivanovii_WSLC3009_1457190	0.8708
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_ivanovii_WSLC3009_1457190	0.8715
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_ivanovii_WSLC3009_1457190	0.8715
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_ivanovii_WSLC3009_1457190	0.8955
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_ivanovii_WSLC3009_1457190	0.8955
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_ivanovii_WSLC3009_1457190	0.867
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_ivanovii_WSLC3009_1457190	0.8712
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_ivanovii_WSLC3009_1457190	0.8786
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_ivanovii_WSLC3009_1457190	0.8786
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_ivanovii_WSLC3009_1457190	0.8793
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_ivanovii_WSLC3009_1457190	0.8708
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_ivanovii_WSLC3009_1457190	0.867
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_ivanovii_WSLC3009_1457190	0.867
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_ivanovii_WSLC3009_1457190	0.867
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_ivanovii_WSLC3009_1457190	0.8708
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_ivanovii_WSLC3009_1457190	0.8708
Listeria_monocytogenes_R479a_1437838	Listeria_ivanovii_WSLC3009_1457190	0.8705
Listeria_monocytogenes_N53-1_1234142	Listeria_ivanovii_WSLC3009_1457190	0.8496
Listeria_monocytogenes_M7_1030009	Listeria_ivanovii_WSLC3009_1457190	0.8605
Listeria_monocytogenes_LO28_393132	Listeria_ivanovii_WSLC3009_1457190	0.8781
Listeria_monocytogenes_L99_563174	Listeria_ivanovii_WSLC3009_1457190	0.8608
Listeria_monocytogenes_L312_882094	Listeria_ivanovii_WSLC3009_1457190	0.9036
Listeria_monocytogenes_J1816_930781	Listeria_ivanovii_WSLC3009_1457190	0.8808
Listeria_monocytogenes_J1-220_930782	Listeria_ivanovii_WSLC3009_1457190	0.8786
Listeria_monocytogenes_J0161_393130	Listeria_ivanovii_WSLC3009_1457190	0.8777
Listeria_monocytogenes_HCC23_552536	Listeria_ivanovii_WSLC3009_1457190	0.8605
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_ivanovii_WSLC3009_1457190	0.8776
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_ivanovii_WSLC3009_1457190	0.8741
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_ivanovii_WSLC3009_1457190	0.8945
Listeria_monocytogenes_Finland_1998_393127	Listeria_ivanovii_WSLC3009_1457190	0.8966
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_ivanovii_WSLC3009_1457190	0.886
Listeria_monocytogenes_EGD-e_169963	Listeria_ivanovii_WSLC3009_1457190	0.8863
Listeria_monocytogenes_EGD_1334565	Listeria_ivanovii_WSLC3009_1457190	0.886
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_ivanovii_WSLC3009_1457190	0.8997
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_ivanovii_WSLC3009_1457190	0.8975
Listeria_monocytogenes_ATCC_19117_882095	Listeria_ivanovii_WSLC3009_1457190	0.8971
Listeria_monocytogenes_6179_1288295	Listeria_ivanovii_WSLC3009_1457190	0.8623
Listeria_monocytogenes_1639_v9	Listeria_ivanovii_WSLC3009_1457190	0.8671
Listeria_monocytogenes_1639_v99	Listeria_ivanovii_WSLC3009_1457190	0.8808
Listeria_monocytogenes_1639_v98	Listeria_ivanovii_WSLC3009_1457190	0.8764
Listeria_monocytogenes_1639_v97	Listeria_ivanovii_WSLC3009_1457190	0.8928
Listeria_monocytogenes_1639_v96	Listeria_ivanovii_WSLC3009_1457190	0.8802
Listeria_monocytogenes_1639_v95	Listeria_ivanovii_WSLC3009_1457190	0.8802
Listeria_monocytogenes_1639_v94	Listeria_ivanovii_WSLC3009_1457190	0.8805
Listeria_monocytogenes_1639_v93	Listeria_ivanovii_WSLC3009_1457190	0.8734
Listeria_monocytogenes_1639_v92	Listeria_ivanovii_WSLC3009_1457190	0.8805
Listeria_monocytogenes_1639_v91	Listeria_ivanovii_WSLC3009_1457190	0.8871
Listeria_monocytogenes_1639_v90	Listeria_ivanovii_WSLC3009_1457190	0.8764
Listeria_monocytogenes_1639_v8	Listeria_ivanovii_WSLC3009_1457190	0.8602
Listeria_monocytogenes_1639_v89	Listeria_ivanovii_WSLC3009_1457190	0.8935
Listeria_monocytogenes_1639_v88	Listeria_ivanovii_WSLC3009_1457190	0.8776
Listeria_monocytogenes_1639_v87	Listeria_ivanovii_WSLC3009_1457190	0.8732
Listeria_monocytogenes_1639_v86	Listeria_ivanovii_WSLC3009_1457190	0.8735
Listeria_monocytogenes_1639_v85	Listeria_ivanovii_WSLC3009_1457190	0.8877
Listeria_monocytogenes_1639_v84	Listeria_ivanovii_WSLC3009_1457190	0.8796
Listeria_monocytogenes_1639_v83	Listeria_ivanovii_WSLC3009_1457190	0.8869
Listeria_monocytogenes_1639_v82	Listeria_ivanovii_WSLC3009_1457190	0.8863
Listeria_monocytogenes_1639_v81	Listeria_ivanovii_WSLC3009_1457190	0.8779
Listeria_monocytogenes_1639_v80	Listeria_ivanovii_WSLC3009_1457190	0.8834
Listeria_monocytogenes_1639_v7	Listeria_ivanovii_WSLC3009_1457190	0.8602
Listeria_monocytogenes_1639_v79	Listeria_ivanovii_WSLC3009_1457190	0.8763
Listeria_monocytogenes_1639_v78	Listeria_ivanovii_WSLC3009_1457190	0.8773
Listeria_monocytogenes_1639_v77	Listeria_ivanovii_WSLC3009_1457190	0.8794
Listeria_monocytogenes_1639_v76	Listeria_ivanovii_WSLC3009_1457190	0.8699
Listeria_monocytogenes_1639_v75	Listeria_ivanovii_WSLC3009_1457190	0.8608
Listeria_monocytogenes_1639_v74	Listeria_ivanovii_WSLC3009_1457190	0.8743
Listeria_monocytogenes_1639_v73	Listeria_ivanovii_WSLC3009_1457190	0.8735
Listeria_monocytogenes_1639_v72	Listeria_ivanovii_WSLC3009_1457190	0.8857
Listeria_monocytogenes_1639_v71	Listeria_ivanovii_WSLC3009_1457190	0.8644
Listeria_monocytogenes_1639_v70	Listeria_ivanovii_WSLC3009_1457190	0.8758
Listeria_monocytogenes_1639_v6	Listeria_ivanovii_WSLC3009_1457190	0.8598
Listeria_monocytogenes_1639_v69	Listeria_ivanovii_WSLC3009_1457190	0.8894
Listeria_monocytogenes_1639_v68	Listeria_ivanovii_WSLC3009_1457190	0.8817
Listeria_monocytogenes_1639_v67	Listeria_ivanovii_WSLC3009_1457190	0.8863
Listeria_monocytogenes_1639_v66	Listeria_ivanovii_WSLC3009_1457190	0.8848
Listeria_monocytogenes_1639_v65	Listeria_ivanovii_WSLC3009_1457190	0.8738
Listeria_monocytogenes_1639_v64	Listeria_ivanovii_WSLC3009_1457190	0.8766
Listeria_monocytogenes_1639_v63	Listeria_ivanovii_WSLC3009_1457190	0.8801
Listeria_monocytogenes_1639_v62	Listeria_ivanovii_WSLC3009_1457190	0.874
Listeria_monocytogenes_1639_v61	Listeria_ivanovii_WSLC3009_1457190	0.8734
Listeria_monocytogenes_1639_v60	Listeria_ivanovii_WSLC3009_1457190	0.879
Listeria_monocytogenes_1639_v5	Listeria_ivanovii_WSLC3009_1457190	0.8475
Listeria_monocytogenes_1639_v59	Listeria_ivanovii_WSLC3009_1457190	0.8873
Listeria_monocytogenes_1639_v58	Listeria_ivanovii_WSLC3009_1457190	0.8903
Listeria_monocytogenes_1639_v57	Listeria_ivanovii_WSLC3009_1457190	0.8773
Listeria_monocytogenes_1639_v56	Listeria_ivanovii_WSLC3009_1457190	0.8873
Listeria_monocytogenes_1639_v55	Listeria_ivanovii_WSLC3009_1457190	0.8733
Listeria_monocytogenes_1639_v54	Listeria_ivanovii_WSLC3009_1457190	0.8922

[illegible]

Listeria_monocytogenes_1639_v150	Listeria_ivanovii_WSLC3009_1457190	0.8876
Listeria_monocytogenes_1639_v14	Listeria_ivanovii_WSLC3009_1457190	0.8709
Listeria_monocytogenes_1639_v149	Listeria_ivanovii_WSLC3009_1457190	0.8863
Listeria_monocytogenes_1639_v148	Listeria_ivanovii_WSLC3009_1457190	0.897
Listeria_monocytogenes_1639_v147	Listeria_ivanovii_WSLC3009_1457190	0.8849
Listeria_monocytogenes_1639_v146	Listeria_ivanovii_WSLC3009_1457190	0.9007
Listeria_monocytogenes_1639_v145	Listeria_ivanovii_WSLC3009_1457190	0.8921
Listeria_monocytogenes_1639_v144	Listeria_ivanovii_WSLC3009_1457190	0.9032
Listeria_monocytogenes_1639_v143	Listeria_ivanovii_WSLC3009_1457190	0.8973
Listeria_monocytogenes_1639_v142	Listeria_ivanovii_WSLC3009_1457190	0.9032
Listeria_monocytogenes_1639_v141	Listeria_ivanovii_WSLC3009_1457190	0.8988
Listeria_monocytogenes_1639_v140	Listeria_ivanovii_WSLC3009_1457190	0.9039
Listeria_monocytogenes_1639_v13	Listeria_ivanovii_WSLC3009_1457190	0.8656
Listeria_monocytogenes_1639_v139	Listeria_ivanovii_WSLC3009_1457190	0.8968
Listeria_monocytogenes_1639_v138	Listeria_ivanovii_WSLC3009_1457190	0.9032
Listeria_monocytogenes_1639_v137	Listeria_ivanovii_WSLC3009_1457190	0.9029
Listeria_monocytogenes_1639_v136	Listeria_ivanovii_WSLC3009_1457190	0.8847
Listeria_monocytogenes_1639_v135	Listeria_ivanovii_WSLC3009_1457190	0.8726
Listeria_monocytogenes_1639_v134	Listeria_ivanovii_WSLC3009_1457190	0.8987
Listeria_monocytogenes_1639_v133	Listeria_ivanovii_WSLC3009_1457190	0.8912
Listeria_monocytogenes_1639_v132	Listeria_ivanovii_WSLC3009_1457190	0.8752
Listeria_monocytogenes_1639_v131	Listeria_ivanovii_WSLC3009_1457190	0.8869
Listeria_monocytogenes_1639_v130	Listeria_ivanovii_WSLC3009_1457190	0.8787
Listeria_monocytogenes_1639_v12	Listeria_ivanovii_WSLC3009_1457190	0.8599
Listeria_monocytogenes_1639_v129	Listeria_ivanovii_WSLC3009_1457190	0.8997
Listeria_monocytogenes_1639_v128	Listeria_ivanovii_WSLC3009_1457190	0.8954
Listeria_monocytogenes_1639_v127	Listeria_ivanovii_WSLC3009_1457190	0.8863
Listeria_monocytogenes_1639_v126	Listeria_ivanovii_WSLC3009_1457190	0.8939
Listeria_monocytogenes_1639_v125	Listeria_ivanovii_WSLC3009_1457190	0.8878
Listeria_monocytogenes_1639_v124	Listeria_ivanovii_WSLC3009_1457190	0.8875
Listeria_monocytogenes_1639_v123	Listeria_ivanovii_WSLC3009_1457190	0.8997
Listeria_monocytogenes_1639_v122	Listeria_ivanovii_WSLC3009_1457190	0.8997
Listeria_monocytogenes_1639_v121	Listeria_ivanovii_WSLC3009_1457190	0.8997
Listeria_monocytogenes_1639_v120	Listeria_ivanovii_WSLC3009_1457190	0.8997
Listeria_monocytogenes_1639_v11	Listeria_ivanovii_WSLC3009_1457190	0.8586
Listeria_monocytogenes_1639_v119	Listeria_ivanovii_WSLC3009_1457190	0.8997
Listeria_monocytogenes_1639_v118	Listeria_ivanovii_WSLC3009_1457190	0.8997
Listeria_monocytogenes_1639_v117	Listeria_ivanovii_WSLC3009_1457190	0.8855
Listeria_monocytogenes_1639_v116	Listeria_ivanovii_WSLC3009_1457190	0.8986
Listeria_monocytogenes_1639_v115	Listeria_ivanovii_WSLC3009_1457190	0.899
Listeria_monocytogenes_1639_v114	Listeria_ivanovii_WSLC3009_1457190	0.8792
Listeria_monocytogenes_1639_v113	Listeria_ivanovii_WSLC3009_1457190	0.8939
Listeria_monocytogenes_1639_v112	Listeria_ivanovii_WSLC3009_1457190	0.8944
Listeria_monocytogenes_1639_v111	Listeria_ivanovii_WSLC3009_1457190	0.8907
Listeria_monocytogenes_1639_v110	Listeria_ivanovii_WSLC3009_1457190	0.8789
Listeria_monocytogenes_1639_v10	Listeria_ivanovii_WSLC3009_1457190	0.8638
Listeria_monocytogenes_1639_v109	Listeria_ivanovii_WSLC3009_1457190	0.8788
Listeria_monocytogenes_1639_v108	Listeria_ivanovii_WSLC3009_1457190	0.8883
Listeria_monocytogenes_1639_v107	Listeria_ivanovii_WSLC3009_1457190	0.8961
Listeria_monocytogenes_1639_v106	Listeria_ivanovii_WSLC3009_1457190	0.8965
Listeria_monocytogenes_1639_v105	Listeria_ivanovii_WSLC3009_1457190	0.8965
Listeria_monocytogenes_1639_v104	Listeria_ivanovii_WSLC3009_1457190	0.8965
Listeria_monocytogenes_1639_v103	Listeria_ivanovii_WSLC3009_1457190	0.8968
Listeria_monocytogenes_1639_v102	Listeria_ivanovii_WSLC3009_1457190	0.8811
Listeria_monocytogenes_1639_v101	Listeria_ivanovii_WSLC3009_1457190	0.8702
Listeria_monocytogenes_1639_v100	Listeria_ivanovii_WSLC3009_1457190	0.8699
Listeria_monocytogenes_1639	Listeria_ivanovii_WSLC3009_1457190	0.8965
Listeria_monocytogenes_10403S_393133	Listeria_ivanovii_WSLC3009_1457190	0.8889
Listeria_monocytogenes_08-5923_637381	Listeria_ivanovii_WSLC3009_1457190	0.8708
Listeria_monocytogenes_08-5578_653938	Listeria_ivanovii_WSLC3009_1457190	0.858
Listeria_monocytogenes_07PF0776_1126011	Listeria_ivanovii_WSLC3009_1457190	0.9029
Listeria_marthii_FSL_S4-120_702457	Listeria_ivanovii_WSLC3009_1457190	0.8272
Listeria_marthii_529731_v1	Listeria_ivanovii_WSLC3009_1457190	0.8631
Listeria_marthii_529731	Listeria_ivanovii_WSLC3009_1457190	0.8727
Listeria_ivanovii_WSLC3009_1457190	Listeria_ivanovii_WSLC3009_1457190	0.0631
Listeria_welshimeri_1643	Listeria_marthii_529731	0.8676
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_marthii_529731	0.867
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_marthii_529731	0.8697
Listeria_seeligeri_FSL_S4-171_702452	Listeria_marthii_529731	0.811
Listeria_seeligeri_FSL_N1-067_702453	Listeria_marthii_529731	0.8048
Listeria_seeligeri_1640_v1	Listeria_marthii_529731	0.871
Listeria_seeligeri_1640	Listeria_marthii_529731	0.8567
Listeria_monocytogenes_WSLC1042_1457188	Listeria_marthii_529731	0.9084
Listeria_monocytogenes_WSLC1001_1457187	Listeria_marthii_529731	0.8927
Listeria_monocytogenes_SLCC7179_879090	Listeria_marthii_529731	0.8994
Listeria_monocytogenes_SLCC5850_882096	Listeria_marthii_529731	0.8968
Listeria_monocytogenes_SLCC2755_932919	Listeria_marthii_529731	0.8908
Listeria_monocytogenes_SLCC2540_879089	Listeria_marthii_529731	0.8957
Listeria_monocytogenes_SLCC2479_882020	Listeria_marthii_529731	0.8923
Listeria_monocytogenes_SLCC2378_879088	Listeria_marthii_529731	0.9098
Listeria_monocytogenes_SLCC2376_882097	Listeria_marthii_529731	0.921
Listeria_monocytogenes_SLCC2372_932920	Listeria_marthii_529731	0.8856
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_marthii_529731	0.9142
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_marthii_529731	0.8734
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_marthii_529731	0.9142
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_marthii_529731	0.9137
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_marthii_529731	0.8998
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_marthii_529731	0.9008
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_marthii_529731	0.9008
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_marthii_529731	0.9008
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_marthii_529731	0.9108

Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_marthii_529731	0.9108
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_marthii_529731	0.9008
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_marthii_529731	0.9008
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_marthii_529731	0.9008
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_marthii_529731	0.8911
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_marthii_529731	0.8923
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_marthii_529731	0.8923
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_marthii_529731	0.8875
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_marthii_529731	0.8875
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_marthii_529731	0.8757
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_marthii_529731	0.8757
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_marthii_529731	0.881
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_marthii_529731	0.8801
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_marthii_529731	0.8813
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_marthii_529731	0.8981
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_marthii_529731	0.8981
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_marthii_529731	0.8813
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_marthii_529731	0.8816
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_marthii_529731	0.8816
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_marthii_529731	0.9095
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_marthii_529731	0.9095
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_marthii_529731	0.8771
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_marthii_529731	0.881
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_marthii_529731	0.8907
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_marthii_529731	0.8907
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_marthii_529731	0.8904
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_marthii_529731	0.8813
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_marthii_529731	0.8771
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_marthii_529731	0.8771
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_marthii_529731	0.8771
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_marthii_529731	0.8813
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_marthii_529731	0.881
Listeria_monocytogenes_R479a_1437838	Listeria_marthii_529731	0.8814
Listeria_monocytogenes_N53-1_1234142	Listeria_marthii_529731	0.8595
Listeria_monocytogenes_M7_1030009	Listeria_marthii_529731	0.8924
Listeria_monocytogenes_LO28_393132	Listeria_marthii_529731	0.891
Listeria_monocytogenes_L99_563174	Listeria_marthii_529731	0.8931
Listeria_monocytogenes_L312_882094	Listeria_marthii_529731	0.9137
Listeria_monocytogenes_J1816_930781	Listeria_marthii_529731	0.8921
Listeria_monocytogenes_J1-220_930782	Listeria_marthii_529731	0.8896
Listeria_monocytogenes_J0161_393130	Listeria_marthii_529731	0.8909
Listeria_monocytogenes_HCC23_552536	Listeria_marthii_529731	0.8928
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_marthii_529731	0.8909
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_marthii_529731	0.9205
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_marthii_529731	0.901
Listeria_monocytogenes_Finland_1998_393127	Listeria_marthii_529731	0.908
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_marthii_529731	0.9005
Listeria_monocytogenes_EGD-e_169963	Listeria_marthii_529731	0.9005
Listeria_monocytogenes_EGD_1334565	Listeria_marthii_529731	0.8975
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_marthii_529731	0.9086
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_marthii_529731	0.9076
Listeria_monocytogenes_ATCC_19117_882095	Listeria_marthii_529731	0.9076
Listeria_monocytogenes_6179_1288295	Listeria_marthii_529731	0.8786
Listeria_monocytogenes_1639_v9	Listeria_marthii_529731	0.8738
Listeria_monocytogenes_1639_v99	Listeria_marthii_529731	0.8937
Listeria_monocytogenes_1639_v98	Listeria_marthii_529731	0.8881
Listeria_monocytogenes_1639_v97	Listeria_marthii_529731	0.9001
Listeria_monocytogenes_1639_v96	Listeria_marthii_529731	0.8934
Listeria_monocytogenes_1639_v95	Listeria_marthii_529731	0.8934
Listeria_monocytogenes_1639_v94	Listeria_marthii_529731	0.8934
Listeria_monocytogenes_1639_v93	Listeria_marthii_529731	0.8862
Listeria_monocytogenes_1639_v92	Listeria_marthii_529731	0.8933
Listeria_monocytogenes_1639_v91	Listeria_marthii_529731	0.8966
Listeria_monocytogenes_1639_v90	Listeria_marthii_529731	0.8881
Listeria_monocytogenes_1639_v8	Listeria_marthii_529731	0.8709
Listeria_monocytogenes_1639_v89	Listeria_marthii_529731	0.902
Listeria_monocytogenes_1639_v88	Listeria_marthii_529731	0.8924
Listeria_monocytogenes_1639_v87	Listeria_marthii_529731	0.886
Listeria_monocytogenes_1639_v86	Listeria_marthii_529731	0.8853
Listeria_monocytogenes_1639_v85	Listeria_marthii_529731	0.8999
Listeria_monocytogenes_1639_v84	Listeria_marthii_529731	0.8879
Listeria_monocytogenes_1639_v83	Listeria_marthii_529731	0.898
Listeria_monocytogenes_1639_v82	Listeria_marthii_529731	0.8977
Listeria_monocytogenes_1639_v81	Listeria_marthii_529731	0.8905
Listeria_monocytogenes_1639_v80	Listeria_marthii_529731	0.8929
Listeria_monocytogenes_1639_v7	Listeria_marthii_529731	0.8709
Listeria_monocytogenes_1639_v79	Listeria_marthii_529731	0.8896
Listeria_monocytogenes_1639_v78	Listeria_marthii_529731	0.8902
Listeria_monocytogenes_1639_v77	Listeria_marthii_529731	0.8909
Listeria_monocytogenes_1639_v76	Listeria_marthii_529731	0.8838
Listeria_monocytogenes_1639_v75	Listeria_marthii_529731	0.8931
Listeria_monocytogenes_1639_v74	Listeria_marthii_529731	0.8887
Listeria_monocytogenes_1639_v73	Listeria_marthii_529731	0.8863
Listeria_monocytogenes_1639_v72	Listeria_marthii_529731	0.8975
Listeria_monocytogenes_1639_v71	Listeria_marthii_529731	0.8764
Listeria_monocytogenes_1639_v70	Listeria_marthii_529731	0.8893
Listeria_monocytogenes_1639_v6	Listeria_marthii_529731	0.8702
Listeria_monocytogenes_1639_v69	Listeria_marthii_529731	0.9012
Listeria_monocytogenes_1639_v68	Listeria_marthii_529731	0.8935
Listeria_monocytogenes_1639_v67	Listeria_marthii_529731	0.8931
Listeria_monocytogenes_1639_v66	Listeria_marthii_529731	0.8955

Listeria_monocytogenes_1639_v162	Listeria_marthii_529731	0.9152
Listeria_monocytogenes_1639_v161	Listeria_marthii_529731	0.9141
Listeria_monocytogenes_1639_v160	Listeria_marthii_529731	0.9145
Listeria_monocytogenes_1639_v15	Listeria_marthii_529731	0.8745
Listeria_monocytogenes_1639_v159	Listeria_marthii_529731	0.9097
Listeria_monocytogenes_1639_v158	Listeria_marthii_529731	0.9142
Listeria_monocytogenes_1639_v157	Listeria_marthii_529731	0.9142
Listeria_monocytogenes_1639_v156	Listeria_marthii_529731	0.8899
Listeria_monocytogenes_1639_v155	Listeria_marthii_529731	0.8996
Listeria_monocytogenes_1639_v154	Listeria_marthii_529731	0.8973
Listeria_monocytogenes_1639_v153	Listeria_marthii_529731	0.9011
Listeria_monocytogenes_1639_v152	Listeria_marthii_529731	0.9101
Listeria_monocytogenes_1639_v151	Listeria_marthii_529731	0.9101
Listeria_monocytogenes_1639_v150	Listeria_marthii_529731	0.8988
Listeria_monocytogenes_1639_v14	Listeria_marthii_529731	0.881
Listeria_monocytogenes_1639_v149	Listeria_marthii_529731	0.8975
Listeria_monocytogenes_1639_v148	Listeria_marthii_529731	0.9086
Listeria_monocytogenes_1639_v147	Listeria_marthii_529731	0.8994
Listeria_monocytogenes_1639_v146	Listeria_marthii_529731	0.9089
Listeria_monocytogenes_1639_v145	Listeria_marthii_529731	0.9041
Listeria_monocytogenes_1639_v144	Listeria_marthii_529731	0.9137
Listeria_monocytogenes_1639_v143	Listeria_marthii_529731	0.909
Listeria_monocytogenes_1639_v142	Listeria_marthii_529731	0.9137
Listeria_monocytogenes_1639_v141	Listeria_marthii_529731	0.9035
Listeria_monocytogenes_1639_v140	Listeria_marthii_529731	0.9137
Listeria_monocytogenes_1639_v13	Listeria_marthii_529731	0.8748
Listeria_monocytogenes_1639_v139	Listeria_marthii_529731	0.9077
Listeria_monocytogenes_1639_v138	Listeria_marthii_529731	0.9138
Listeria_monocytogenes_1639_v137	Listeria_marthii_529731	0.913
Listeria_monocytogenes_1639_v136	Listeria_marthii_529731	0.8978
Listeria_monocytogenes_1639_v135	Listeria_marthii_529731	0.9047
Listeria_monocytogenes_1639_v134	Listeria_marthii_529731	0.9091
Listeria_monocytogenes_1639_v133	Listeria_marthii_529731	0.9024
Listeria_monocytogenes_1639_v132	Listeria_marthii_529731	0.9097
Listeria_monocytogenes_1639_v131	Listeria_marthii_529731	0.8987
Listeria_monocytogenes_1639_v130	Listeria_marthii_529731	0.8919
Listeria_monocytogenes_1639_v12	Listeria_marthii_529731	0.8732
Listeria_monocytogenes_1639_v129	Listeria_marthii_529731	0.9095
Listeria_monocytogenes_1639_v128	Listeria_marthii_529731	0.9009
Listeria_monocytogenes_1639_v127	Listeria_marthii_529731	0.9009
Listeria_monocytogenes_1639_v126	Listeria_marthii_529731	0.9001
Listeria_monocytogenes_1639_v125	Listeria_marthii_529731	0.8978
Listeria_monocytogenes_1639_v124	Listeria_marthii_529731	0.9151
Listeria_monocytogenes_1639_v123	Listeria_marthii_529731	0.9086
Listeria_monocytogenes_1639_v122	Listeria_marthii_529731	0.909
Listeria_monocytogenes_1639_v121	Listeria_marthii_529731	0.909
Listeria_monocytogenes_1639_v120	Listeria_marthii_529731	0.909
Listeria_monocytogenes_1639_v11	Listeria_marthii_529731	0.8759
Listeria_monocytogenes_1639_v119	Listeria_marthii_529731	0.909
Listeria_monocytogenes_1639_v118	Listeria_marthii_529731	0.909
Listeria_monocytogenes_1639_v117	Listeria_marthii_529731	0.8966
Listeria_monocytogenes_1639_v116	Listeria_marthii_529731	0.9091
Listeria_monocytogenes_1639_v115	Listeria_marthii_529731	0.9094
Listeria_monocytogenes_1639_v114	Listeria_marthii_529731	0.891
Listeria_monocytogenes_1639_v113	Listeria_marthii_529731	0.9024
Listeria_monocytogenes_1639_v112	Listeria_marthii_529731	0.9041
Listeria_monocytogenes_1639_v111	Listeria_marthii_529731	0.8938
Listeria_monocytogenes_1639_v110	Listeria_marthii_529731	0.8903
Listeria_monocytogenes_1639_v10	Listeria_marthii_529731	0.8723
Listeria_monocytogenes_1639_v109	Listeria_marthii_529731	0.8907
Listeria_monocytogenes_1639_v108	Listeria_marthii_529731	0.8997
Listeria_monocytogenes_1639_v107	Listeria_marthii_529731	0.9065
Listeria_monocytogenes_1639_v106	Listeria_marthii_529731	0.9065
Listeria_monocytogenes_1639_v105	Listeria_marthii_529731	0.9069
Listeria_monocytogenes_1639_v104	Listeria_marthii_529731	0.9069
Listeria_monocytogenes_1639_v103	Listeria_marthii_529731	0.9069
Listeria_monocytogenes_1639_v102	Listeria_marthii_529731	0.891
Listeria_monocytogenes_1639_v101	Listeria_marthii_529731	0.8814
Listeria_monocytogenes_1639_v100	Listeria_marthii_529731	0.8801
Listeria_monocytogenes_1639	Listeria_marthii_529731	0.9082
Listeria_monocytogenes_10403S_393133	Listeria_marthii_529731	0.9009
Listeria_monocytogenes_08-5923_637381	Listeria_marthii_529731	0.8813
Listeria_monocytogenes_08-5578_653938	Listeria_marthii_529731	0.8691
Listeria_monocytogenes_07PF0776_1126011	Listeria_marthii_529731	0.9119
Listeria_marthii_FSL_S4-120_702457	Listeria_marthii_529731	0.8813
Listeria_marthii_529731_v1	Listeria_marthii_529731	0.9332
Listeria_marthii_529731	Listeria_marthii_529731	0.0561
Listeria_welshimeri_1643	Listeria_marthii_529731_v1	0.8635
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_marthii_529731_v1	0.8628
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_marthii_529731_v1	0.8658
Listeria_seeligeri_FSL_S4-171_702452	Listeria_marthii_529731_v1	0.8162
Listeria_seeligeri_FSL_N1-067_702453	Listeria_marthii_529731_v1	0.8095
Listeria_seeligeri_1640_v1	Listeria_marthii_529731_v1	0.8709
Listeria_seeligeri_1640	Listeria_marthii_529731_v1	0.8708
Listeria_monocytogenes_WSLC1042_1457188	Listeria_marthii_529731_v1	0.907
Listeria_monocytogenes_WSLC1001_1457187	Listeria_marthii_529731_v1	0.8946
Listeria_monocytogenes_SLCC7179_879090	Listeria_marthii_529731_v1	0.9096
Listeria_monocytogenes_SLCC5850_882096	Listeria_marthii_529731_v1	0.8979
Listeria_monocytogenes_SLCC2755_932919	Listeria_marthii_529731_v1	0.8897
Listeria_monocytogenes_SLCC2540_879089	Listeria_marthii_529731_v1	0.893
Listeria_monocytogenes_SLCC2479_882020	Listeria_marthii_529731_v1	0.8927

Listeria_monocytogenes_SLCC2378_879088	Listeria_marthii_529731_v1	0.9084
Listeria_monocytogenes_SLCC2376_882097	Listeria_marthii_529731_v1	0.916
Listeria_monocytogenes_SLCC2372_932920	Listeria_marthii_529731_v1	0.8854
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_marthii_529731_v1	0.9131
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_marthii_529731_v1	0.8825
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_marthii_529731_v1	0.9131
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_marthii_529731_v1	0.9138
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_marthii_529731_v1	0.9091
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_marthii_529731_v1	0.9101
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_marthii_529731_v1	0.9108
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_marthii_529731_v1	0.9101
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_marthii_529731_v1	0.911
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_marthii_529731_v1	0.911
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_marthii_529731_v1	0.9116
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_marthii_529731_v1	0.9116
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_marthii_529731_v1	0.9116
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_marthii_529731_v1	0.8908
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_marthii_529731_v1	0.8915
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_marthii_529731_v1	0.8915
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_marthii_529731_v1	0.8958
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_marthii_529731_v1	0.8958
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_marthii_529731_v1	0.8786
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_marthii_529731_v1	0.8786
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_marthii_529731_v1	0.8838
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_marthii_529731_v1	0.8837
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_marthii_529731_v1	0.8841
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_marthii_529731_v1	0.8958
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_marthii_529731_v1	0.8958
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_marthii_529731_v1	0.8841
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_marthii_529731_v1	0.8844
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_marthii_529731_v1	0.8844
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_marthii_529731_v1	0.9074
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_marthii_529731_v1	0.9074
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_marthii_529731_v1	0.8799
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_marthii_529731_v1	0.8841
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_marthii_529731_v1	0.8994
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_marthii_529731_v1	0.8994
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_marthii_529731_v1	0.8927
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_marthii_529731_v1	0.8841
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_marthii_529731_v1	0.8799
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_marthii_529731_v1	0.8799
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_marthii_529731_v1	0.8799
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_marthii_529731_v1	0.8841
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_marthii_529731_v1	0.8838
Listeria_monocytogenes_R479a_1437838	Listeria_marthii_529731_v1	0.8813
Listeria_monocytogenes_N53-1_1234142	Listeria_marthii_529731_v1	0.86
Listeria_monocytogenes_M7_1030009	Listeria_marthii_529731_v1	0.8999
Listeria_monocytogenes_LO28_393132	Listeria_marthii_529731_v1	0.8966
Listeria_monocytogenes_L99_563174	Listeria_marthii_529731_v1	0.9006
Listeria_monocytogenes_L312_882094	Listeria_marthii_529731_v1	0.9138
Listeria_monocytogenes_J1816_930781	Listeria_marthii_529731_v1	0.8955
Listeria_monocytogenes_J1-220_930782	Listeria_marthii_529731_v1	0.9019
Listeria_monocytogenes_J0161_393130	Listeria_marthii_529731_v1	0.8996
Listeria_monocytogenes_HCC23_552536	Listeria_marthii_529731_v1	0.9002
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_marthii_529731_v1	0.8906
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_marthii_529731_v1	0.91
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_marthii_529731_v1	0.896
Listeria_monocytogenes_Finland_1998_393127	Listeria_marthii_529731_v1	0.9032
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_marthii_529731_v1	0.9069
Listeria_monocytogenes_EGD-e_169963	Listeria_marthii_529731_v1	0.9072
Listeria_monocytogenes_EGD_1334565	Listeria_marthii_529731_v1	0.8986
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_marthii_529731_v1	0.9084
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_marthii_529731_v1	0.9066
Listeria_monocytogenes_ATCC_19117_882095	Listeria_marthii_529731_v1	0.9066
Listeria_monocytogenes_6179_1288295	Listeria_marthii_529731_v1	0.8837
Listeria_monocytogenes_1639_v9	Listeria_marthii_529731_v1	0.8811
Listeria_monocytogenes_1639_v99	Listeria_marthii_529731_v1	0.8967
Listeria_monocytogenes_1639_v98	Listeria_marthii_529731_v1	0.9021
Listeria_monocytogenes_1639_v97	Listeria_marthii_529731_v1	0.9038
Listeria_monocytogenes_1639_v96	Listeria_marthii_529731_v1	0.896
Listeria_monocytogenes_1639_v95	Listeria_marthii_529731_v1	0.8961
Listeria_monocytogenes_1639_v94	Listeria_marthii_529731_v1	0.8964
Listeria_monocytogenes_1639_v93	Listeria_marthii_529731_v1	0.8811
Listeria_monocytogenes_1639_v92	Listeria_marthii_529731_v1	0.8967
Listeria_monocytogenes_1639_v91	Listeria_marthii_529731_v1	0.9107
Listeria_monocytogenes_1639_v90	Listeria_marthii_529731_v1	0.9021
Listeria_monocytogenes_1639_v8	Listeria_marthii_529731_v1	0.8705
Listeria_monocytogenes_1639_v89	Listeria_marthii_529731_v1	0.9117
Listeria_monocytogenes_1639_v88	Listeria_marthii_529731_v1	0.8951
Listeria_monocytogenes_1639_v87	Listeria_marthii_529731_v1	0.8969
Listeria_monocytogenes_1639_v86	Listeria_marthii_529731_v1	0.8962
Listeria_monocytogenes_1639_v85	Listeria_marthii_529731_v1	0.9107
Listeria_monocytogenes_1639_v84	Listeria_marthii_529731_v1	0.8929
Listeria_monocytogenes_1639_v83	Listeria_marthii_529731_v1	0.9074
Listeria_monocytogenes_1639_v82	Listeria_marthii_529731_v1	0.907
Listeria_monocytogenes_1639_v81	Listeria_marthii_529731_v1	0.8913
Listeria_monocytogenes_1639_v80	Listeria_marthii_529731_v1	0.8997
Listeria_monocytogenes_1639_v7	Listeria_marthii_529731_v1	0.8705
Listeria_monocytogenes_1639_v79	Listeria_marthii_529731_v1	0.8893
Listeria_monocytogenes_1639_v78	Listeria_marthii_529731_v1	0.891
Listeria_monocytogenes_1639_v77	Listeria_marthii_529731_v1	0.8928

[illegible]

Listeria_monocytogenes_1639_v173	Listeria_marthii_529731_v1	0.9074
Listeria_monocytogenes_1639_v172	Listeria_marthii_529731_v1	0.9185
Listeria_monocytogenes_1639_v171	Listeria_marthii_529731_v1	0.8944
Listeria_monocytogenes_1639_v170	Listeria_marthii_529731_v1	0.9018
Listeria_monocytogenes_1639_v16	Listeria_marthii_529731_v1	0.8712
Listeria_monocytogenes_1639_v169	Listeria_marthii_529731_v1	0.8978
Listeria_monocytogenes_1639_v168	Listeria_marthii_529731_v1	0.8987
Listeria_monocytogenes_1639_v167	Listeria_marthii_529731_v1	0.9003
Listeria_monocytogenes_1639_v166	Listeria_marthii_529731_v1	0.899
Listeria_monocytogenes_1639_v165	Listeria_marthii_529731_v1	0.8974
Listeria_monocytogenes_1639_v164	Listeria_marthii_529731_v1	0.9123
Listeria_monocytogenes_1639_v163	Listeria_marthii_529731_v1	0.9048
Listeria_monocytogenes_1639_v162	Listeria_marthii_529731_v1	0.9123
Listeria_monocytogenes_1639_v161	Listeria_marthii_529731_v1	0.9135
Listeria_monocytogenes_1639_v160	Listeria_marthii_529731_v1	0.9139
Listeria_monocytogenes_1639_v15	Listeria_marthii_529731_v1	0.881
Listeria_monocytogenes_1639_v159	Listeria_marthii_529731_v1	0.908
Listeria_monocytogenes_1639_v158	Listeria_marthii_529731_v1	0.9131
Listeria_monocytogenes_1639_v157	Listeria_marthii_529731_v1	0.9131
Listeria_monocytogenes_1639_v156	Listeria_marthii_529731_v1	0.8952
Listeria_monocytogenes_1639_v155	Listeria_marthii_529731_v1	0.906
Listeria_monocytogenes_1639_v154	Listeria_marthii_529731_v1	0.8958
Listeria_monocytogenes_1639_v153	Listeria_marthii_529731_v1	0.9135
Listeria_monocytogenes_1639_v152	Listeria_marthii_529731_v1	0.9083
Listeria_monocytogenes_1639_v151	Listeria_marthii_529731_v1	0.9083
Listeria_monocytogenes_1639_v150	Listeria_marthii_529731_v1	0.8987
Listeria_monocytogenes_1639_v14	Listeria_marthii_529731_v1	0.8871
Listeria_monocytogenes_1639_v149	Listeria_marthii_529731_v1	0.8986
Listeria_monocytogenes_1639_v148	Listeria_marthii_529731_v1	0.9069
Listeria_monocytogenes_1639_v147	Listeria_marthii_529731_v1	0.894
Listeria_monocytogenes_1639_v146	Listeria_marthii_529731_v1	0.9037
Listeria_monocytogenes_1639_v145	Listeria_marthii_529731_v1	0.9005
Listeria_monocytogenes_1639_v144	Listeria_marthii_529731_v1	0.9138
Listeria_monocytogenes_1639_v143	Listeria_marthii_529731_v1	0.9031
Listeria_monocytogenes_1639_v142	Listeria_marthii_529731_v1	0.9138
Listeria_monocytogenes_1639_v141	Listeria_marthii_529731_v1	0.908
Listeria_monocytogenes_1639_v140	Listeria_marthii_529731_v1	0.9138
Listeria_monocytogenes_1639_v13	Listeria_marthii_529731_v1	0.8813
Listeria_monocytogenes_1639_v139	Listeria_marthii_529731_v1	0.9094
Listeria_monocytogenes_1639_v138	Listeria_marthii_529731_v1	0.915
Listeria_monocytogenes_1639_v137	Listeria_marthii_529731_v1	0.9143
Listeria_monocytogenes_1639_v136	Listeria_marthii_529731_v1	0.8962
Listeria_monocytogenes_1639_v135	Listeria_marthii_529731_v1	0.9105
Listeria_monocytogenes_1639_v134	Listeria_marthii_529731_v1	0.9078
Listeria_monocytogenes_1639_v133	Listeria_marthii_529731_v1	0.8981
Listeria_monocytogenes_1639_v132	Listeria_marthii_529731_v1	0.9132
Listeria_monocytogenes_1639_v131	Listeria_marthii_529731_v1	0.9085
Listeria_monocytogenes_1639_v130	Listeria_marthii_529731_v1	0.889
Listeria_monocytogenes_1639_v12	Listeria_marthii_529731_v1	0.875
Listeria_monocytogenes_1639_v129	Listeria_marthii_529731_v1	0.9055
Listeria_monocytogenes_1639_v128	Listeria_marthii_529731_v1	0.9046
Listeria_monocytogenes_1639_v127	Listeria_marthii_529731_v1	0.9065
Listeria_monocytogenes_1639_v126	Listeria_marthii_529731_v1	0.9031
Listeria_monocytogenes_1639_v125	Listeria_marthii_529731_v1	0.8973
Listeria_monocytogenes_1639_v124	Listeria_marthii_529731_v1	0.9137
Listeria_monocytogenes_1639_v123	Listeria_marthii_529731_v1	0.9084
Listeria_monocytogenes_1639_v122	Listeria_marthii_529731_v1	0.9087
Listeria_monocytogenes_1639_v121	Listeria_marthii_529731_v1	0.9087
Listeria_monocytogenes_1639_v120	Listeria_marthii_529731_v1	0.9088
Listeria_monocytogenes_1639_v11	Listeria_marthii_529731_v1	0.8795
Listeria_monocytogenes_1639_v119	Listeria_marthii_529731_v1	0.9087
Listeria_monocytogenes_1639_v118	Listeria_marthii_529731_v1	0.9087
Listeria_monocytogenes_1639_v117	Listeria_marthii_529731_v1	0.8932
Listeria_monocytogenes_1639_v116	Listeria_marthii_529731_v1	0.9077
Listeria_monocytogenes_1639_v115	Listeria_marthii_529731_v1	0.9081
Listeria_monocytogenes_1639_v114	Listeria_marthii_529731_v1	0.8948
Listeria_monocytogenes_1639_v113	Listeria_marthii_529731_v1	0.9
Listeria_monocytogenes_1639_v112	Listeria_marthii_529731_v1	0.9081
Listeria_monocytogenes_1639_v111	Listeria_marthii_529731_v1	0.8938
Listeria_monocytogenes_1639_v110	Listeria_marthii_529731_v1	0.899
Listeria_monocytogenes_1639_v10	Listeria_marthii_529731_v1	0.8737
Listeria_monocytogenes_1639_v109	Listeria_marthii_529731_v1	0.8934
Listeria_monocytogenes_1639_v108	Listeria_marthii_529731_v1	0.9098
Listeria_monocytogenes_1639_v107	Listeria_marthii_529731_v1	0.9056
Listeria_monocytogenes_1639_v106	Listeria_marthii_529731_v1	0.9056
Listeria_monocytogenes_1639_v105	Listeria_marthii_529731_v1	0.906
Listeria_monocytogenes_1639_v104	Listeria_marthii_529731_v1	0.906
Listeria_monocytogenes_1639_v103	Listeria_marthii_529731_v1	0.906
Listeria_monocytogenes_1639_v102	Listeria_marthii_529731_v1	0.8936
Listeria_monocytogenes_1639_v101	Listeria_marthii_529731_v1	0.8824
Listeria_monocytogenes_1639_v100	Listeria_marthii_529731_v1	0.8799
Listeria_monocytogenes_1639	Listeria_marthii_529731_v1	0.9069
Listeria_monocytogenes_10403S_393133	Listeria_marthii_529731_v1	0.908
Listeria_monocytogenes_08-5923_637381	Listeria_marthii_529731_v1	0.8841
Listeria_monocytogenes_08-5578_653938	Listeria_marthii_529731_v1	0.8709
Listeria_monocytogenes_07PF0776_1126011	Listeria_marthii_529731_v1	0.9097
Listeria_marthii_FSL_S4-120_702457	Listeria_marthii_529731_v1	0.8756
Listeria_marthii_529731_v1	Listeria_marthii_529731_v1	0.0624
Listeria_welshimeri_1643	Listeria_marthii_FSL_S4-120_702457	0.8287
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_marthii_FSL_S4-120_702457	0.8284
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_marthii_FSL_S4-120_702457	0.8323

Listeria_seeligeri_FSL_S4-171_702452	Listeria_marthii_FSL_S4-120_702457	0.7824
Listeria_seeligeri_FSL_N1-067_702453	Listeria_marthii_FSL_S4-120_702457	0.773
Listeria_seeligeri_1640_v1	Listeria_marthii_FSL_S4-120_702457	0.8312
Listeria_seeligeri_1640	Listeria_marthii_FSL_S4-120_702457	0.8187
Listeria_monocytogenes_WSLC1042_1457188	Listeria_marthii_FSL_S4-120_702457	0.8628
Listeria_monocytogenes_WSLC1001_1457187	Listeria_marthii_FSL_S4-120_702457	0.8505
Listeria_monocytogenes_SLCC7179_879090	Listeria_marthii_FSL_S4-120_702457	0.8593
Listeria_monocytogenes_SLCC5850_882096	Listeria_marthii_FSL_S4-120_702457	0.8545
Listeria_monocytogenes_SLCC2755_932919	Listeria_marthii_FSL_S4-120_702457	0.8476
Listeria_monocytogenes_SLCC2540_879089	Listeria_marthii_FSL_S4-120_702457	0.8501
Listeria_monocytogenes_SLCC2479_882020	Listeria_marthii_FSL_S4-120_702457	0.8484
Listeria_monocytogenes_SLCC2378_879088	Listeria_marthii_FSL_S4-120_702457	0.8638
Listeria_monocytogenes_SLCC2376_882097	Listeria_marthii_FSL_S4-120_702457	0.8784
Listeria_monocytogenes_SLCC2372_932920	Listeria_marthii_FSL_S4-120_702457	0.8416
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_marthii_FSL_S4-120_702457	0.8692
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_marthii_FSL_S4-120_702457	0.8314
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_marthii_FSL_S4-120_702457	0.8688
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_marthii_FSL_S4-120_702457	0.8699
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_marthii_FSL_S4-120_702457	0.8541
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_marthii_FSL_S4-120_702457	0.8551
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_marthii_FSL_S4-120_702457	0.8543
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_marthii_FSL_S4-120_702457	0.8551
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_marthii_FSL_S4-120_702457	0.8689
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_marthii_FSL_S4-120_702457	0.8689
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_marthii_FSL_S4-120_702457	0.8551
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_marthii_FSL_S4-120_702457	0.8551
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_marthii_FSL_S4-120_702457	0.8551
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_marthii_FSL_S4-120_702457	0.8472
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_marthii_FSL_S4-120_702457	0.8481
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_marthii_FSL_S4-120_702457	0.8481
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_marthii_FSL_S4-120_702457	0.8445
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_marthii_FSL_S4-120_702457	0.8445
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_marthii_FSL_S4-120_702457	0.834
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_marthii_FSL_S4-120_702457	0.834
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_marthii_FSL_S4-120_702457	0.8391
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_marthii_FSL_S4-120_702457	0.8379
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_marthii_FSL_S4-120_702457	0.8391
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_marthii_FSL_S4-120_702457	0.8551
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_marthii_FSL_S4-120_702457	0.8555
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_marthii_FSL_S4-120_702457	0.8391
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_marthii_FSL_S4-120_702457	0.8398
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_marthii_FSL_S4-120_702457	0.8398
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_marthii_FSL_S4-120_702457	0.8658
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_marthii_FSL_S4-120_702457	0.8658
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_marthii_FSL_S4-120_702457	0.8353
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_marthii_FSL_S4-120_702457	0.8395
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_marthii_FSL_S4-120_702457	0.8486
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_marthii_FSL_S4-120_702457	0.8486
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_marthii_FSL_S4-120_702457	0.8482
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_marthii_FSL_S4-120_702457	0.8391
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_marthii_FSL_S4-120_702457	0.8353
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_marthii_FSL_S4-120_702457	0.8353
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_marthii_FSL_S4-120_702457	0.8353
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_marthii_FSL_S4-120_702457	0.8391
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_marthii_FSL_S4-120_702457	0.8391
Listeria_monocytogenes_R479a_1437838	Listeria_marthii_FSL_S4-120_702457	0.8388
Listeria_monocytogenes_N53-1_1234142	Listeria_marthii_FSL_S4-120_702457	0.8157
Listeria_monocytogenes_M7_1030009	Listeria_marthii_FSL_S4-120_702457	0.8513
Listeria_monocytogenes_LO28_393132	Listeria_marthii_FSL_S4-120_702457	0.8471
Listeria_monocytogenes_L99_563174	Listeria_marthii_FSL_S4-120_702457	0.8516
Listeria_monocytogenes_L312_882094	Listeria_marthii_FSL_S4-120_702457	0.8699
Listeria_monocytogenes_J1816_930781	Listeria_marthii_FSL_S4-120_702457	0.8465
Listeria_monocytogenes_J1-220_930782	Listeria_marthii_FSL_S4-120_702457	0.8471
Listeria_monocytogenes_J0161_393130	Listeria_marthii_FSL_S4-120_702457	0.8502
Listeria_monocytogenes_HCC23_552536	Listeria_marthii_FSL_S4-120_702457	0.8513
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_marthii_FSL_S4-120_702457	0.8471
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_marthii_FSL_S4-120_702457	0.867
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_marthii_FSL_S4-120_702457	0.8553
Listeria_monocytogenes_Finland_1998_393127	Listeria_marthii_FSL_S4-120_702457	0.8674
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_marthii_FSL_S4-120_702457	0.8569
Listeria_monocytogenes_EGD-e_169963	Listeria_marthii_FSL_S4-120_702457	0.8573
Listeria_monocytogenes_EGD_1334565	Listeria_marthii_FSL_S4-120_702457	0.8552
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_marthii_FSL_S4-120_702457	0.8667
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_marthii_FSL_S4-120_702457	0.8654
Listeria_monocytogenes_ATCC_19117_882095	Listeria_marthii_FSL_S4-120_702457	0.8654
Listeria_monocytogenes_6179_1288295	Listeria_marthii_FSL_S4-120_702457	0.8371
Listeria_monocytogenes_1639_v9	Listeria_marthii_FSL_S4-120_702457	0.8285
Listeria_monocytogenes_1639_v99	Listeria_marthii_FSL_S4-120_702457	0.8473
Listeria_monocytogenes_1639_v98	Listeria_marthii_FSL_S4-120_702457	0.8458
Listeria_monocytogenes_1639_v97	Listeria_marthii_FSL_S4-120_702457	0.8538
Listeria_monocytogenes_1639_v96	Listeria_marthii_FSL_S4-120_702457	0.8467
Listeria_monocytogenes_1639_v95	Listeria_marthii_FSL_S4-120_702457	0.8467
Listeria_monocytogenes_1639_v94	Listeria_marthii_FSL_S4-120_702457	0.847
Listeria_monocytogenes_1639_v93	Listeria_marthii_FSL_S4-120_702457	0.8455
Listeria_monocytogenes_1639_v92	Listeria_marthii_FSL_S4-120_702457	0.847
Listeria_monocytogenes_1639_v91	Listeria_marthii_FSL_S4-120_702457	0.8509
Listeria_monocytogenes_1639_v90	Listeria_marthii_FSL_S4-120_702457	0.8458
Listeria_monocytogenes_1639_v8	Listeria_marthii_FSL_S4-120_702457	0.829
Listeria_monocytogenes_1639_v89	Listeria_marthii_FSL_S4-120_702457	0.8587
Listeria_monocytogenes_1639_v88	Listeria_marthii_FSL_S4-120_702457	0.8481
Listeria_monocytogenes_1639_v87	Listeria_marthii_FSL_S4-120_702457	0.844

[illegible]

Listeria_monocytogenes_1639_v100	Listeria_marthii_FSL_S4-120_702457	0.8379
Listeria_monocytogenes_1639	Listeria_marthii_FSL_S4-120_702457	0.8664
Listeria_monocytogenes_10403S_393133	Listeria_marthii_FSL_S4-120_702457	0.8592
Listeria_monocytogenes_08-5923_637381	Listeria_marthii_FSL_S4-120_702457	0.8391
Listeria_monocytogenes_08-5578_653938	Listeria_marthii_FSL_S4-120_702457	0.8268
Listeria_monocytogenes_07PF0776_1126011	Listeria_marthii_FSL_S4-120_702457	0.8661
Listeria_marthii_FSL_S4-120_702457	Listeria_marthii_FSL_S4-120_702457	0.0457
Listeria_welshimeri_1643	Listeria_monocytogenes_07PF0776_1126011	0.8841
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_07PF0776_1126011	0.8838
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_07PF0776_1126011	0.8875
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_07PF0776_1126011	0.83
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_07PF0776_1126011	0.8305
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_07PF0776_1126011	0.8956
Listeria_seeligeri_1640	Listeria_monocytogenes_07PF0776_1126011	0.8855
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_07PF0776_1126011	0.9832
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_07PF0776_1126011	0.9299
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_07PF0776_1126011	0.94
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_07PF0776_1126011	0.9345
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_07PF0776_1126011	0.9495
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_07PF0776_1126011	0.9519
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_07PF0776_1126011	0.9288
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_07PF0776_1126011	0.9847
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_07PF0776_1126011	0.9446
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_07PF0776_1126011	0.9215
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_07PF0776_1126011	0.9907
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_07PF0776_1126011	0.9103
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_07PF0776_1126011	0.9907
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_07PF0776_1126011	0.9791
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_07PF0776_1126011	0.9727
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_07PF0776_1126011	0.9738
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_07PF0776_1126011	0.9738
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_07PF0776_1126011	0.9742
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_07PF0776_1126011	0.9773
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_07PF0776_1126011	0.9773
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_07PF0776_1126011	0.9742
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_07PF0776_1126011	0.9742
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_07PF0776_1126011	0.9742
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_07PF0776_1126011	0.928
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_07PF0776_1126011	0.9288
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_07PF0776_1126011	0.9288
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_07PF0776_1126011	0.9416
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_07PF0776_1126011	0.9416
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_07PF0776_1126011	0.9155
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_07PF0776_1126011	0.9155
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_07PF0776_1126011	0.921
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_07PF0776_1126011	0.9199
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_07PF0776_1126011	0.921
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_07PF0776_1126011	0.938
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_07PF0776_1126011	0.938
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_07PF0776_1126011	0.921
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_07PF0776_1126011	0.9217
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_07PF0776_1126011	0.9217
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_07PF0776_1126011	0.9461
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_07PF0776_1126011	0.9461
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_07PF0776_1126011	0.9169
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_07PF0776_1126011	0.9214
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_07PF0776_1126011	0.9274
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_07PF0776_1126011	0.9274
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_07PF0776_1126011	0.9304
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_07PF0776_1126011	0.921
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_07PF0776_1126011	0.9169
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_07PF0776_1126011	0.9169
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_07PF0776_1126011	0.9169
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_07PF0776_1126011	0.921
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_07PF0776_1126011	0.921
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_07PF0776_1126011	0.9203
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_07PF0776_1126011	0.8955
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_07PF0776_1126011	0.9099
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_07PF0776_1126011	0.9274
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_07PF0776_1126011	0.9102
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_07PF0776_1126011	0.9795
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_07PF0776_1126011	0.9516
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_07PF0776_1126011	0.9522
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_07PF0776_1126011	0.9278
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_07PF0776_1126011	0.9095
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_07PF0776_1126011	0.9274
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_07PF0776_1126011	0.921
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_07PF0776_1126011	0.9556
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_07PF0776_1126011	0.9473
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_07PF0776_1126011	0.9366
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_07PF0776_1126011	0.937
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_07PF0776_1126011	0.9352
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_07PF0776_1126011	0.9754
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_07PF0776_1126011	0.9727
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_07PF0776_1126011	0.9723
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_07PF0776_1126011	0.9117
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_07PF0776_1126011	0.926
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_07PF0776_1126011	0.9524
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_07PF0776_1126011	0.9247
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_07PF0776_1126011	0.9657
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_07PF0776_1126011	0.9517

[illegible]

[illegible]

Listeria_monocytogenes_1639_v10	Listeria_monocytogenes_07PF0776_1126011	0.9249
Listeria_monocytogenes_1639_v109	Listeria_monocytogenes_07PF0776_1126011	0.9277
Listeria_monocytogenes_1639_v108	Listeria_monocytogenes_07PF0776_1126011	0.9608
Listeria_monocytogenes_1639_v107	Listeria_monocytogenes_07PF0776_1126011	0.972
Listeria_monocytogenes_1639_v106	Listeria_monocytogenes_07PF0776_1126011	0.972
Listeria_monocytogenes_1639_v105	Listeria_monocytogenes_07PF0776_1126011	0.9724
Listeria_monocytogenes_1639_v104	Listeria_monocytogenes_07PF0776_1126011	0.972
Listeria_monocytogenes_1639_v103	Listeria_monocytogenes_07PF0776_1126011	0.9723
Listeria_monocytogenes_1639_v102	Listeria_monocytogenes_07PF0776_1126011	0.9319
Listeria_monocytogenes_1639_v101	Listeria_monocytogenes_07PF0776_1126011	0.92
Listeria_monocytogenes_1639_v100	Listeria_monocytogenes_07PF0776_1126011	0.9193
Listeria_monocytogenes_1639	Listeria_monocytogenes_07PF0776_1126011	0.9468
Listeria_monocytogenes_10403S_393133	Listeria_monocytogenes_07PF0776_1126011	0.9384
Listeria_monocytogenes_08-5923_637381	Listeria_monocytogenes_07PF0776_1126011	0.921
Listeria_monocytogenes_08-5578_653938	Listeria_monocytogenes_07PF0776_1126011	0.9074
Listeria_monocytogenes_07PF0776_1126011	Listeria_monocytogenes_07PF0776_1126011	0.066
Listeria_welshimeri_1643	Listeria_monocytogenes_08-5578_653938	0.8528
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_08-5578_653938	0.8525
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_08-5578_653938	0.8583
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_08-5578_653938	0.7994
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_08-5578_653938	0.8273
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_08-5578_653938	0.8559
Listeria_seeligeri_1640	Listeria_monocytogenes_08-5578_653938	0.8531
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_08-5578_653938	0.9033
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_08-5578_653938	0.9381
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_08-5578_653938	0.9339
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_08-5578_653938	0.9382
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_08-5578_653938	0.9128
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_08-5578_653938	0.9212
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_08-5578_653938	0.9367
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_08-5578_653938	0.9043
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_08-5578_653938	0.9075
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_08-5578_653938	0.9375
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_08-5578_653938	0.9089
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_08-5578_653938	0.9202
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_08-5578_653938	0.9089
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_08-5578_653938	0.9155
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_08-5578_653938	0.9009
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_08-5578_653938	0.902
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_08-5578_653938	0.9023
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_08-5578_653938	0.902
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_08-5578_653938	0.9127
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_08-5578_653938	0.9127
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_08-5578_653938	0.9034
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_08-5578_653938	0.9034
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_08-5578_653938	0.9034
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_08-5578_653938	0.9396
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_08-5578_653938	0.94
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_08-5578_653938	0.94
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_08-5578_653938	0.9301
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_08-5578_653938	0.9301
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_08-5578_653938	0.9881
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_08-5578_653938	0.9881
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_08-5578_653938	0.9834
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_08-5578_653938	0.979
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_08-5578_653938	0.9848
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_08-5578_653938	0.9361
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_08-5578_653938	0.9364
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_08-5578_653938	0.9848
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_08-5578_653938	0.9819
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_08-5578_653938	0.9819
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_08-5578_653938	0.9349
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_08-5578_653938	0.9349
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_08-5578_653938	0.9899
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_08-5578_653938	0.9852
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_08-5578_653938	0.9401
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_08-5578_653938	0.9401
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_08-5578_653938	0.9748
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_08-5578_653938	0.9848
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_08-5578_653938	0.9899
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_08-5578_653938	0.9899
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_08-5578_653938	0.9899
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_08-5578_653938	0.9848
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_08-5578_653938	0.9848
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_08-5578_653938	0.9711
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_08-5578_653938	0.8807
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_08-5578_653938	0.8878
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_08-5578_653938	0.9299
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_08-5578_653938	0.8881
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_08-5578_653938	0.9155
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_08-5578_653938	0.9064
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_08-5578_653938	0.9071
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_08-5578_653938	0.9288
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_08-5578_653938	0.8874
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_08-5578_653938	0.9375
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_08-5578_653938	0.8767
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_08-5578_653938	0.9191
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_08-5578_653938	0.9352
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_08-5578_653938	0.9292
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_08-5578_653938	0.9296
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_08-5578_653938	0.9389

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[illegible]

Listeria_monocytogenes_1639_v118	Listeria_monocytogenes_08-5578_653938	0.9124
Listeria_monocytogenes_1639_v117	Listeria_monocytogenes_08-5578_653938	0.9336
Listeria_monocytogenes_1639_v116	Listeria_monocytogenes_08-5578_653938	0.904
Listeria_monocytogenes_1639_v115	Listeria_monocytogenes_08-5578_653938	0.9043
Listeria_monocytogenes_1639_v114	Listeria_monocytogenes_08-5578_653938	0.9408
Listeria_monocytogenes_1639_v113	Listeria_monocytogenes_08-5578_653938	0.9271
Listeria_monocytogenes_1639_v112	Listeria_monocytogenes_08-5578_653938	0.9117
Listeria_monocytogenes_1639_v111	Listeria_monocytogenes_08-5578_653938	0.9253
Listeria_monocytogenes_1639_v110	Listeria_monocytogenes_08-5578_653938	0.9364
Listeria_monocytogenes_1639_v10	Listeria_monocytogenes_08-5578_653938	0.9096
Listeria_monocytogenes_1639_v109	Listeria_monocytogenes_08-5578_653938	0.9459
Listeria_monocytogenes_1639_v108	Listeria_monocytogenes_08-5578_653938	0.9101
Listeria_monocytogenes_1639_v107	Listeria_monocytogenes_08-5578_653938	0.9067
Listeria_monocytogenes_1639_v106	Listeria_monocytogenes_08-5578_653938	0.9071
Listeria_monocytogenes_1639_v105	Listeria_monocytogenes_08-5578_653938	0.9071
Listeria_monocytogenes_1639_v104	Listeria_monocytogenes_08-5578_653938	0.9071
Listeria_monocytogenes_1639_v103	Listeria_monocytogenes_08-5578_653938	0.9074
Listeria_monocytogenes_1639_v102	Listeria_monocytogenes_08-5578_653938	0.9627
Listeria_monocytogenes_1639_v101	Listeria_monocytogenes_08-5578_653938	0.9704
Listeria_monocytogenes_1639_v100	Listeria_monocytogenes_08-5578_653938	0.9704
Listeria_monocytogenes_1639	Listeria_monocytogenes_08-5578_653938	0.9352
Listeria_monocytogenes_10403S_393133	Listeria_monocytogenes_08-5578_653938	0.9342
Listeria_monocytogenes_08-5923_637381	Listeria_monocytogenes_08-5578_653938	0.9848
Listeria_monocytogenes_08-5578_653938	Listeria_monocytogenes_08-5578_653938	0.0734
Listeria_welshimeri_1643	Listeria_monocytogenes_08-5923_637381	0.8644
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_08-5923_637381	0.8638
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_08-5923_637381	0.8702
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_08-5923_637381	0.8108
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_08-5923_637381	0.8321
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_08-5923_637381	0.8676
Listeria_seeligeri_1640	Listeria_monocytogenes_08-5923_637381	0.8653
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_08-5923_637381	0.9164
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_08-5923_637381	0.952
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_08-5923_637381	0.9486
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_08-5923_637381	0.9522
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_08-5923_637381	0.9177
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_08-5923_637381	0.9349
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_08-5923_637381	0.9509
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_08-5923_637381	0.9178
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_08-5923_637381	0.9216
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_08-5923_637381	0.9439
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_08-5923_637381	0.9229
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_08-5923_637381	0.9337
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_08-5923_637381	0.9229
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_08-5923_637381	0.9296
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_08-5923_637381	0.9135
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_08-5923_637381	0.9145
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_08-5923_637381	0.9152
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_08-5923_637381	0.9145
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_08-5923_637381	0.9263
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_08-5923_637381	0.9263
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_08-5923_637381	0.9164
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_08-5923_637381	0.9164
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_08-5923_637381	0.9164
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_08-5923_637381	0.9538
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_08-5923_637381	0.9546
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_08-5923_637381	0.9546
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_08-5923_637381	0.9345
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_08-5923_637381	0.9345
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_08-5923_637381	0.9934
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_08-5923_637381	0.9934
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_08-5923_637381	0.9982
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_08-5923_637381	0.9941
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_08-5923_637381	1
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_08-5923_637381	0.9504
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_08-5923_637381	0.9504
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_08-5923_637381	1
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_08-5923_637381	0.9967
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_08-5923_637381	0.9967
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_08-5923_637381	0.9494
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_08-5923_637381	0.9494
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_08-5923_637381	0.9949
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_08-5923_637381	0.9996
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_08-5923_637381	0.954
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_08-5923_637381	0.954
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_08-5923_637381	0.9896
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_08-5923_637381	1
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_08-5923_637381	0.9949
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_08-5923_637381	0.9949
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_08-5923_637381	0.9949
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_08-5923_637381	1
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_08-5923_637381	0.9996
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_08-5923_637381	0.9677
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_08-5923_637381	0.8937
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_08-5923_637381	0.8993
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_08-5923_637381	0.944
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_08-5923_637381	0.8999
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_08-5923_637381	0.9296
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_08-5923_637381	0.92
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_08-5923_637381	0.9196
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_08-5923_637381	0.9428

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Listeria_monocytogenes_1639_v125	Listeria_monocytogenes_08-5923_637381	0.9461
Listeria_monocytogenes_1639_v124	Listeria_monocytogenes_08-5923_637381	0.9058
Listeria_monocytogenes_1639_v123	Listeria_monocytogenes_08-5923_637381	0.9264
Listeria_monocytogenes_1639_v122	Listeria_monocytogenes_08-5923_637381	0.9264
Listeria_monocytogenes_1639_v121	Listeria_monocytogenes_08-5923_637381	0.9264
Listeria_monocytogenes_1639_v120	Listeria_monocytogenes_08-5923_637381	0.9261
Listeria_monocytogenes_1639_v11	Listeria_monocytogenes_08-5923_637381	0.9396
Listeria_monocytogenes_1639_v119	Listeria_monocytogenes_08-5923_637381	0.9264
Listeria_monocytogenes_1639_v118	Listeria_monocytogenes_08-5923_637381	0.9264
Listeria_monocytogenes_1639_v117	Listeria_monocytogenes_08-5923_637381	0.9478
Listeria_monocytogenes_1639_v116	Listeria_monocytogenes_08-5923_637381	0.9171
Listeria_monocytogenes_1639_v115	Listeria_monocytogenes_08-5923_637381	0.9174
Listeria_monocytogenes_1639_v114	Listeria_monocytogenes_08-5923_637381	0.9555
Listeria_monocytogenes_1639_v113	Listeria_monocytogenes_08-5923_637381	0.9413
Listeria_monocytogenes_1639_v112	Listeria_monocytogenes_08-5923_637381	0.9245
Listeria_monocytogenes_1639_v111	Listeria_monocytogenes_08-5923_637381	0.9234
Listeria_monocytogenes_1639_v110	Listeria_monocytogenes_08-5923_637381	0.9503
Listeria_monocytogenes_1639_v10	Listeria_monocytogenes_08-5923_637381	0.922
Listeria_monocytogenes_1639_v109	Listeria_monocytogenes_08-5923_637381	0.9603
Listeria_monocytogenes_1639_v108	Listeria_monocytogenes_08-5923_637381	0.9232
Listeria_monocytogenes_1639_v107	Listeria_monocytogenes_08-5923_637381	0.9199
Listeria_monocytogenes_1639_v106	Listeria_monocytogenes_08-5923_637381	0.9203
Listeria_monocytogenes_1639_v105	Listeria_monocytogenes_08-5923_637381	0.9203
Listeria_monocytogenes_1639_v104	Listeria_monocytogenes_08-5923_637381	0.9206
Listeria_monocytogenes_1639_v103	Listeria_monocytogenes_08-5923_637381	0.9206
Listeria_monocytogenes_1639_v102	Listeria_monocytogenes_08-5923_637381	0.9777
Listeria_monocytogenes_1639_v101	Listeria_monocytogenes_08-5923_637381	0.9674
Listeria_monocytogenes_1639_v100	Listeria_monocytogenes_08-5923_637381	0.967
Listeria_monocytogenes_1639	Listeria_monocytogenes_08-5923_637381	0.9497
Listeria_monocytogenes_10403S_393133	Listeria_monocytogenes_08-5923_637381	0.9486
Listeria_monocytogenes_08-5923_637381	Listeria_monocytogenes_08-5923_637381	0.0664
Listeria_welshimeri_1643	Listeria_monocytogenes_10403S_393133	0.8766
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_10403S_393133	0.8763
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_10403S_393133	0.8881
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_10403S_393133	0.8229
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_10403S_393133	0.8315
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_10403S_393133	0.8861
Listeria_seeligeri_1640	Listeria_monocytogenes_10403S_393133	0.8846
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_10403S_393133	0.9327
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_10403S_393133	0.9737
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_10403S_393133	0.9731
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_10403S_393133	0.9778
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_10403S_393133	0.9371
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_10403S_393133	0.938
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_10403S_393133	0.9516
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_10403S_393133	0.9338
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_10403S_393133	0.9474
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_10403S_393133	0.9441
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_10403S_393133	0.9399
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_10403S_393133	0.9711
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_10403S_393133	0.9399
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_10403S_393133	0.9464
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_10403S_393133	0.9357
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_10403S_393133	0.9368
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_10403S_393133	0.9371
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_10403S_393133	0.9368
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_10403S_393133	0.9454
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_10403S_393133	0.9454
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_10403S_393133	0.936
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_10403S_393133	0.936
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_10403S_393133	0.936
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_10403S_393133	0.9501
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_10403S_393133	0.9512
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_10403S_393133	0.9512
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_10403S_393133	0.9417
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_10403S_393133	0.9417
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_10403S_393133	0.9426
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_10403S_393133	0.9426
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_10403S_393133	0.9486
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_10403S_393133	0.9474
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_10403S_393133	0.9486
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_10403S_393133	0.958
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_10403S_393133	0.9584
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_10403S_393133	0.9486
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_10403S_393133	0.9493
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_10403S_393133	0.9493
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_10403S_393133	0.9776
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_10403S_393133	0.9776
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_10403S_393133	0.944
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_10403S_393133	0.9486
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_10403S_393133	0.9825
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_10403S_393133	0.9825
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_10403S_393133	0.9586
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_10403S_393133	0.9486
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_10403S_393133	0.944
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_10403S_393133	0.944
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_10403S_393133	0.944
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_10403S_393133	0.9486
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_10403S_393133	0.9486
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_10403S_393133	0.9449
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_10403S_393133	0.9182

Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_10403S_393133	0.9123
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_10403S_393133	0.9562
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_10403S_393133	0.9126
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_10403S_393133	0.9464
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_10403S_393133	0.9314
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_10403S_393133	0.932
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_10403S_393133	0.9596
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_10403S_393133	0.9123
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_10403S_393133	0.949
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_10403S_393133	0.912
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_10403S_393133	0.943
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_10403S_393133	0.9656
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_10403S_393133	0.968
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_10403S_393133	0.968
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_10403S_393133	0.9786
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_10403S_393133	0.9458
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_10403S_393133	0.9409
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_10403S_393133	0.9405
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_10403S_393133	0.9438
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_10403S_393133	0.9265
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_10403S_393133	0.9333
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_10403S_393133	0.9558
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_10403S_393133	0.9369
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_10403S_393133	0.9311
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_10403S_393133	0.9311
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_10403S_393133	0.9318
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_10403S_393133	0.9437
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_10403S_393133	0.9333
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_10403S_393133	0.9324
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_10403S_393133	0.9558
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_10403S_393133	0.9355
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_10403S_393133	0.9469
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_10403S_393133	0.9617
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_10403S_393133	0.9766
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_10403S_393133	0.977
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_10403S_393133	0.935
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_10403S_393133	0.9548
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_10403S_393133	0.9416
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_10403S_393133	0.9413
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_10403S_393133	0.95
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_10403S_393133	0.9438
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_10403S_393133	0.9355
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_10403S_393133	0.9482
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_10403S_393133	0.9496
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_10403S_393133	0.954
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_10403S_393133	0.9444
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_10403S_393133	0.9126
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_10403S_393133	0.9743
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_10403S_393133	0.952
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_10403S_393133	0.9389
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_10403S_393133	0.9363
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_10403S_393133	0.9473
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_10403S_393133	0.9351
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_10403S_393133	0.9368
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_10403S_393133	0.9591
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_10403S_393133	0.9397
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_10403S_393133	0.9554
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_10403S_393133	0.9567
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_10403S_393133	0.9474
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_10403S_393133	0.9314
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_10403S_393133	0.9472
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_10403S_393133	0.9514
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_10403S_393133	0.9553
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_10403S_393133	0.9062
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_10403S_393133	0.9325
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_10403S_393133	0.9404
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_10403S_393133	0.9265
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_10403S_393133	0.9359
Listeria_monocyt		

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Listeria_monocytogenes_1639_v131	Listeria_monocytogenes_10403S_393133	0.9437
Listeria_monocytogenes_1639_v130	Listeria_monocytogenes_10403S_393133	0.9479
Listeria_monocytogenes_1639_v12	Listeria_monocytogenes_10403S_393133	0.9309
Listeria_monocytogenes_1639_v129	Listeria_monocytogenes_10403S_393133	0.9503
Listeria_monocytogenes_1639_v128	Listeria_monocytogenes_10403S_393133	0.9493
Listeria_monocytogenes_1639_v127	Listeria_monocytogenes_10403S_393133	0.9684
Listeria_monocytogenes_1639_v126	Listeria_monocytogenes_10403S_393133	0.9501
Listeria_monocytogenes_1639_v125	Listeria_monocytogenes_10403S_393133	0.9598
Listeria_monocytogenes_1639_v124	Listeria_monocytogenes_10403S_393133	0.9311
Listeria_monocytogenes_1639_v123	Listeria_monocytogenes_10403S_393133	0.9454
Listeria_monocytogenes_1639_v122	Listeria_monocytogenes_10403S_393133	0.945
Listeria_monocytogenes_1639_v121	Listeria_monocytogenes_10403S_393133	0.945
Listeria_monocytogenes_1639_v120	Listeria_monocytogenes_10403S_393133	0.945
Listeria_monocytogenes_1639_v11	Listeria_monocytogenes_10403S_393133	0.9415
Listeria_monocytogenes_1639_v119	Listeria_monocytogenes_10403S_393133	0.945
Listeria_monocytogenes_1639_v118	Listeria_monocytogenes_10403S_393133	0.945
Listeria_monocytogenes_1639_v117	Listeria_monocytogenes_10403S_393133	0.9569
Listeria_monocytogenes_1639_v116	Listeria_monocytogenes_10403S_393133	0.9342
Listeria_monocytogenes_1639_v115	Listeria_monocytogenes_10403S_393133	0.9338
Listeria_monocytogenes_1639_v114	Listeria_monocytogenes_10403S_393133	0.9768
Listeria_monocytogenes_1639_v113	Listeria_monocytogenes_10403S_393133	0.9445
Listeria_monocytogenes_1639_v112	Listeria_monocytogenes_10403S_393133	0.9356
Listeria_monocytogenes_1639_v111	Listeria_monocytogenes_10403S_393133	0.9418
Listeria_monocytogenes_1639_v110	Listeria_monocytogenes_10403S_393133	0.9871
Listeria_monocytogenes_1639_v10	Listeria_monocytogenes_10403S_393133	0.9158
Listeria_monocytogenes_1639_v109	Listeria_monocytogenes_10403S_393133	0.9742
Listeria_monocytogenes_1639_v108	Listeria_monocytogenes_10403S_393133	0.9438
Listeria_monocytogenes_1639_v107	Listeria_monocytogenes_10403S_393133	0.9394
Listeria_monocytogenes_1639_v106	Listeria_monocytogenes_10403S_393133	0.9398
Listeria_monocytogenes_1639_v105	Listeria_monocytogenes_10403S_393133	0.9398
Listeria_monocytogenes_1639_v104	Listeria_monocytogenes_10403S_393133	0.9398
Listeria_monocytogenes_1639_v103	Listeria_monocytogenes_10403S_393133	0.9402
Listeria_monocytogenes_1639_v102	Listeria_monocytogenes_10403S_393133	0.9567
Listeria_monocytogenes_1639_v101	Listeria_monocytogenes_10403S_393133	0.9445
Listeria_monocytogenes_1639_v100	Listeria_monocytogenes_10403S_393133	0.9438
Listeria_monocytogenes_1639	Listeria_monocytogenes_10403S_393133	0.9899
Listeria_monocytogenes_10403S_393133	Listeria_monocytogenes_10403S_393133	0.0676
Listeria_welshimeri_1643	Listeria_monocytogenes_1639	0.883
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639	0.8827
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639	0.895
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639	0.8266
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639	0.836
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639	0.8933
Listeria_seeligeri_1640	Listeria_monocytogenes_1639	0.8837
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639	0.9411
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639	0.9804
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639	0.9698
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639	0.9854
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639	0.9454
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639	0.9447
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639	0.9547
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639	0.9422
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639	0.9556
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639	0.9471
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639	0.9484
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639	0.9611
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639	0.9484
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639	0.9549
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639	0.931
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639	0.9321
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639	0.9328
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639	0.9324
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639	0.9538
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639	0.9538
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639	0.9324
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639	0.9324
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639	0.9324
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639	0.9539
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639	0.9547
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639	0.9547
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639	0.9355
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639	0.9355
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639	0.9436
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639	0.9436
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639	0.9497
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639	0.9485
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639	0.9497
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639	0.9634
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639	0.9638
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639	0.9497
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639	0.9504
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639	0.9504
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639	0.986
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639	0.986
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639	0.945
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639	0.9497
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639	0.9774
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639	0.9774
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639	0.9598
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639	0.9497
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639	0.945

Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639	0.945
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639	0.945
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639	0.9497
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639	0.9497
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639	0.9486
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639	0.9183
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639	0.9086
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639	0.9532
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639	0.9089
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639	0.9549
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639	0.9342
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639	0.9284
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639	0.9536
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639	0.9086
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639	0.9532
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639	0.919
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639	0.9495
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639	0.9739
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639	0.9631
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639	0.9631
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639	0.9861
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639	0.9535
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639	0.9485
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639	0.9482
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639	0.9393
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639	0.9203
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639	0.9347
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639	0.9509
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639	0.9418
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639	0.9336
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639	0.9336
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639	0.9343
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639	0.9493
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639	0.9343
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639	0.9296
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639	0.9509
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639	0.938
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639	0.945
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639	0.9653
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639	0.9719
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639	0.9719
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639	0.9303
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639	0.9575
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639	0.9373
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639	0.937
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639	0.953
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639	0.9399
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639	0.938
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639	0.9512
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639	0.9523
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639	0.9578
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639	0.9469
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639	0.9089
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639	0.9715
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639	0.9482
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639	0.9357
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639	0.9392
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639	0.9507
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639	0.9376
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639	0.9321
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639	0.9568
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639	0.9412
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639	0.962
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639	0.9522
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639	0.9542
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639	0.9366
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639	0.9487
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639	0.9522
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639	0.9561
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639	0.9007
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639	0.9377
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639	0.9377
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639	0.9301
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639	0.938
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639	0.9266
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639	0.9334
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639	0.9553
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639	0.9348
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639	0.9323
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639	0.9482
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639	0.914
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639	0.9317
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639	0.9489
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639	0.9493
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639	0.9561
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639	0.9397
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639	0.9497
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639	0.9497
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639	0.9413
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639	0.9316
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639	0.9536

[illegible]

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Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187

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Listeria_monocytogenes_1639_v100 0.967

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Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v100	0.9612
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v100	0.967
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v100	0.9625
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v100	0.9625
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v100	0.9625
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v100	0.967
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v100	0.967
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Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v100	0.8907
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v100	0.8954
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v100	0.9466
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v100	0.8958
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v100	0.9275
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v100	0.9169
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v100	0.9157
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v100	0.9385
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v100	0.8951
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v100	0.9525
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v100	0.8874
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v100	0.9299
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v100	0.9479
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v100	0.9387
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v100	0.9387
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v100	0.9493
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v100	0.9251
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v100	0.9196
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v100	0.9192
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v100	0.9506
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v100	0.9178
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v100	0.9239
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v100	0.9355
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v100	0.9214
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v100	0.9236
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v100	0.9236
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v100	0.9243
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v100	0.9483
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v100	0.9236
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v100	0.9168
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v100	0.9355
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v100	0.9747
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v100	0.9233
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v100	0.9523
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v100	0.9459
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v100	0.9455
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v100	0.9104
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v100	0.953
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v100	0.9135
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v100	0.9132
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v100	0.9593
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v100	0.9322
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v100	0.9747
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v100	0.9554
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v100	0.959
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v100	0.944
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v100	0.941
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v100	0.8958
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v100	0.9418
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v100	0.9509
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v100	0.9115
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v100	0.9408
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v100	0.9519
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v100	0.9743
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v100	0.9117
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v100	0.9353
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v100	0.9309
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v100	0.9472
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v100	0.9644
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v100	0.9432
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v100	0.9416
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Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v100	0.9427
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v100	0.9006
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v100	0.9175
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v100	0.9123
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Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v100	0.9197
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Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v100	0.9125
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v100	0.932
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v100	0.917
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v100	0.9132
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v100	0.9656
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v100	0.9064
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v100	0.9096
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v100	0.9498
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v100	0.9656
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v100	0.9379
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v100	0.9746

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Listeria_monocytogenes_1639_v13	Listeria_monocytogenes_1639_v100	0.9227
Listeria_monocytogenes_1639_v139	Listeria_monocytogenes_1639_v100	0.9219
Listeria_monocytogenes_1639_v138	Listeria_monocytogenes_1639_v100	0.9301
Listeria_monocytogenes_1639_v137	Listeria_monocytogenes_1639_v100	0.9298
Listeria_monocytogenes_1639_v136	Listeria_monocytogenes_1639_v100	0.9479
Listeria_monocytogenes_1639_v135	Listeria_monocytogenes_1639_v100	0.8955
Listeria_monocytogenes_1639_v134	Listeria_monocytogenes_1639_v100	0.9155
Listeria_monocytogenes_1639_v133	Listeria_monocytogenes_1639_v100	0.9481
Listeria_monocytogenes_1639_v132	Listeria_monocytogenes_1639_v100	0.899
Listeria_monocytogenes_1639_v131	Listeria_monocytogenes_1639_v100	0.9187
Listeria_monocytogenes_1639_v130	Listeria_monocytogenes_1639_v100	0.9462
Listeria_monocytogenes_1639_v12	Listeria_monocytogenes_1639_v100	0.943
Listeria_monocytogenes_1639_v129	Listeria_monocytogenes_1639_v100	0.9301
Listeria_monocytogenes_1639_v128	Listeria_monocytogenes_1639_v100	0.9311
Listeria_monocytogenes_1639_v127	Listeria_monocytogenes_1639_v100	0.9383
Listeria_monocytogenes_1639_v126	Listeria_monocytogenes_1639_v100	0.9322
Listeria_monocytogenes_1639_v125	Listeria_monocytogenes_1639_v100	0.9421
Listeria_monocytogenes_1639_v124	Listeria_monocytogenes_1639_v100	0.9034
Listeria_monocytogenes_1639_v123	Listeria_monocytogenes_1639_v100	0.9251
Listeria_monocytogenes_1639_v122	Listeria_monocytogenes_1639_v100	0.9247
Listeria_monocytogenes_1639_v121	Listeria_monocytogenes_1639_v100	0.9247
Listeria_monocytogenes_1639_v120	Listeria_monocytogenes_1639_v100	0.9247
Listeria_monocytogenes_1639_v11	Listeria_monocytogenes_1639_v100	0.948
Listeria_monocytogenes_1639_v119	Listeria_monocytogenes_1639_v100	0.9247
Listeria_monocytogenes_1639_v118	Listeria_monocytogenes_1639_v100	0.9247
Listeria_monocytogenes_1639_v117	Listeria_monocytogenes_1639_v100	0.9464
Listeria_monocytogenes_1639_v116	Listeria_monocytogenes_1639_v100	0.9154
Listeria_monocytogenes_1639_v115	Listeria_monocytogenes_1639_v100	0.9157
Listeria_monocytogenes_1639_v114	Listeria_monocytogenes_1639_v100	0.9519
Listeria_monocytogenes_1639_v113	Listeria_monocytogenes_1639_v100	0.9388
Listeria_monocytogenes_1639_v112	Listeria_monocytogenes_1639_v100	0.9227
Listeria_monocytogenes_1639_v111	Listeria_monocytogenes_1639_v100	0.928
Listeria_monocytogenes_1639_v110	Listeria_monocytogenes_1639_v100	0.9445
Listeria_monocytogenes_1639_v10	Listeria_monocytogenes_1639_v100	0.9193
Listeria_monocytogenes_1639_v109	Listeria_monocytogenes_1639_v100	0.9563
Listeria_monocytogenes_1639_v108	Listeria_monocytogenes_1639_v100	0.9189
Listeria_monocytogenes_1639_v107	Listeria_monocytogenes_1639_v100	0.9182
Listeria_monocytogenes_1639_v106	Listeria_monocytogenes_1639_v100	0.9185
Listeria_monocytogenes_1639_v105	Listeria_monocytogenes_1639_v100	0.9185
Listeria_monocytogenes_1639_v104	Listeria_monocytogenes_1639_v100	0.9185
Listeria_monocytogenes_1639_v103	Listeria_monocytogenes_1639_v100	0.9189
Listeria_monocytogenes_1639_v102	Listeria_monocytogenes_1639_v100	0.9819
Listeria_monocytogenes_1639_v101	Listeria_monocytogenes_1639_v100	0.9941
Listeria_monocytogenes_1639_v100	Listeria_monocytogenes_1639_v100	0.0731
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v101	0.8646
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v101	0.8639
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v101	0.8688
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v101	0.8106
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v101	0.8375
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v101	0.8674
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v101	0.8647
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v101	0.9154
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v101	0.9495
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v101	0.9445
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v101	0.9496
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v101	0.923
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v101	0.9339
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v101	0.952
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v101	0.9167
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v101	0.921
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v101	0.9517
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v101	0.9218
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v101	0.9289
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v101	0.9218
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v101	0.9285
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v101	0.9114
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v101	0.9124
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v101	0.9131
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v101	0.9124
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v101	0.9249
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v101	0.9249
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v101	0.9142
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v101	0.9142
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v101	0.9142
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v101	0.9565
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v101	0.9572
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v101	0.9572
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v101	0.9328
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v101	0.9328
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v101	0.9614
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v101	0.9614
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v101	0.9674
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v101	0.9674
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v101	0.9674
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v101	0.9475
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v101	0.9475
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v101	0.9674
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v101	0.967
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v101	0.967

Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v101	0.9483
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v101	0.9483
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v101	0.9624
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v101	0.967
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v101	0.9493
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v101	0.9493
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v101	0.9619
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v101	0.9674
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v101	0.9624
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v101	0.9624
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v101	0.9624
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v101	0.9674
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v101	0.967
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v101	0.9956
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v101	0.8906
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v101	0.8954
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v101	0.9477
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v101	0.896
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v101	0.9285
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v101	0.9186
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v101	0.919
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v101	0.9403
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v101	0.8957
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v101	0.9539
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v101	0.8884
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v101	0.931
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v101	0.9487
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v101	0.939
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v101	0.939
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v101	0.9504
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v101	0.9258
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v101	0.9203
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v101	0.9202
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v101	0.9513
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v101	0.9192
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v101	0.9249
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v101	0.9366
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v101	0.9225
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v101	0.9253
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v101	0.9254
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v101	0.9257
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v101	0.9476
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v101	0.9253
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v101	0.9204
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v101	0.9366
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v101	0.9736
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v101	0.9251
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v101	0.9541
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v101	0.9484
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v101	0.9477
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v101	0.9118
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v101	0.9544
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v101	0.9145
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v101	0.9142
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v101	0.9612
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v101	0.9329
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v101	0.9736
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v101	0.9557
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v101	0.9604
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v101	0.9451
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v101	0.9435
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v101	0.896
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v101	0.9425
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v101	0.952
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v101	0.9144
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v101	0.9408
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v101	0.9526
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v101	0.9729
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v101	0.9128
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v101	0.9363
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v101	0.9341
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v101	0.9479
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v101	0.9651
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v101	0.9431
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v101	0.9415
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v101	0.9551
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v101	0.9684
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v101	0.9437
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v101	0.9019
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v101	0.9189
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v101	0.9137
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v101	0.9158
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v101	0.92
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v101	0.919
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v101	0.9135
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v101	0.933
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v101	0.9199
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v101	0.9146
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v101	0.9659
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v101	0.9074
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v101	0.9106

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Listeria_monocytogenes_1639_v145	Listeria_monocytogenes_1639_v101	0.9406
Listeria_monocytogenes_1639_v144	Listeria_monocytogenes_1639_v101	0.9282
Listeria_monocytogenes_1639_v143	Listeria_monocytogenes_1639_v101	0.9428
Listeria_monocytogenes_1639_v142	Listeria_monocytogenes_1639_v101	0.9282
Listeria_monocytogenes_1639_v141	Listeria_monocytogenes_1639_v101	0.9352
Listeria_monocytogenes_1639_v140	Listeria_monocytogenes_1639_v101	0.9285
Listeria_monocytogenes_1639_v13	Listeria_monocytogenes_1639_v101	0.9244
Listeria_monocytogenes_1639_v139	Listeria_monocytogenes_1639_v101	0.9226
Listeria_monocytogenes_1639_v138	Listeria_monocytogenes_1639_v101	0.9308
Listeria_monocytogenes_1639_v137	Listeria_monocytogenes_1639_v101	0.9305
Listeria_monocytogenes_1639_v136	Listeria_monocytogenes_1639_v101	0.9483
Listeria_monocytogenes_1639_v135	Listeria_monocytogenes_1639_v101	0.8961
Listeria_monocytogenes_1639_v134	Listeria_monocytogenes_1639_v101	0.9165
Listeria_monocytogenes_1639_v133	Listeria_monocytogenes_1639_v101	0.9492
Listeria_monocytogenes_1639_v132	Listeria_monocytogenes_1639_v101	0.9
Listeria_monocytogenes_1639_v131	Listeria_monocytogenes_1639_v101	0.9208
Listeria_monocytogenes_1639_v130	Listeria_monocytogenes_1639_v101	0.9469
Listeria_monocytogenes_1639_v12	Listeria_monocytogenes_1639_v101	0.9437
Listeria_monocytogenes_1639_v129	Listeria_monocytogenes_1639_v101	0.9308
Listeria_monocytogenes_1639_v128	Listeria_monocytogenes_1639_v101	0.9318
Listeria_monocytogenes_1639_v127	Listeria_monocytogenes_1639_v101	0.939
Listeria_monocytogenes_1639_v126	Listeria_monocytogenes_1639_v101	0.9333
Listeria_monocytogenes_1639_v125	Listeria_monocytogenes_1639_v101	0.9436
Listeria_monocytogenes_1639_v124	Listeria_monocytogenes_1639_v101	0.9044
Listeria_monocytogenes_1639_v123	Listeria_monocytogenes_1639_v101	0.9258
Listeria_monocytogenes_1639_v122	Listeria_monocytogenes_1639_v101	0.9257
Listeria_monocytogenes_1639_v121	Listeria_monocytogenes_1639_v101	0.9257
Listeria_monocytogenes_1639_v120	Listeria_monocytogenes_1639_v101	0.9254
Listeria_monocytogenes_1639_v11	Listeria_monocytogenes_1639_v101	0.9483
Listeria_monocytogenes_1639_v119	Listeria_monocytogenes_1639_v101	0.9257
Listeria_monocytogenes_1639_v118	Listeria_monocytogenes_1639_v101	0.9257
Listeria_monocytogenes_1639_v117	Listeria_monocytogenes_1639_v101	0.946
Listeria_monocytogenes_1639_v116	Listeria_monocytogenes_1639_v101	0.916
Listeria_monocytogenes_1639_v115	Listeria_monocytogenes_1639_v101	0.9164
Listeria_monocytogenes_1639_v114	Listeria_monocytogenes_1639_v101	0.9533
Listeria_monocytogenes_1639_v113	Listeria_monocytogenes_1639_v101	0.9395
Listeria_monocytogenes_1639_v112	Listeria_monocytogenes_1639_v101	0.923
Listeria_monocytogenes_1639_v111	Listeria_monocytogenes_1639_v101	0.929
Listeria_monocytogenes_1639_v110	Listeria_monocytogenes_1639_v101	0.9455
Listeria_monocytogenes_1639_v10	Listeria_monocytogenes_1639_v101	0.9192
Listeria_monocytogenes_1639_v109	Listeria_monocytogenes_1639_v101	0.957
Listeria_monocytogenes_1639_v108	Listeria_monocytogenes_1639_v101	0.9207
Listeria_monocytogenes_1639_v107	Listeria_monocytogenes_1639_v101	0.9188
Listeria_monocytogenes_1639_v106	Listeria_monocytogenes_1639_v101	0.9192
Listeria_monocytogenes_1639_v105	Listeria_monocytogenes_1639_v101	0.9192
Listeria_monocytogenes_1639_v104	Listeria_monocytogenes_1639_v101	0.9196
Listeria_monocytogenes_1639_v103	Listeria_monocytogenes_1639_v101	0.9196
Listeria_monocytogenes_1639_v102	Listeria_monocytogenes_1639_v101	0.9874
Listeria_monocytogenes_1639_v101	Listeria_monocytogenes_1639_v101	0.0729
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v102	0.875
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v102	0.8743
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v102	0.8802
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v102	0.8199
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v102	0.84
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v102	0.8771
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v102	0.8754
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v102	0.9267
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v102	0.9609
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v102	0.9567
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v102	0.9618
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v102	0.9265
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v102	0.9447
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v102	0.9634
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v102	0.9281
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v102	0.9326
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v102	0.9555
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v102	0.9338
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v102	0.9405
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v102	0.9338
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v102	0.9405
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v102	0.9226
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v102	0.9237
Listeria_monocytogenes_serotype_4b_str_81-0		

Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v102	0.9777
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v102	0.9773
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v102	0.9773
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v102	0.9606
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v102	0.9606
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v102	0.9727
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v102	0.9774
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v102	0.961
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v102	0.961
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v102	0.973
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v102	0.9777
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v102	0.9727
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v102	0.9727
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v102	0.9727
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v102	0.9777
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v102	0.9774
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v102	0.9837
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v102	0.9016
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v102	0.9052
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v102	0.959
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v102	0.9058
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v102	0.9405
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v102	0.9303
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v102	0.9302
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v102	0.9519
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v102	0.9055
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v102	0.9653
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v102	0.8979
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v102	0.9422
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v102	0.961
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v102	0.951
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v102	0.951
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v102	0.9626
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v102	0.9373
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v102	0.9317
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v102	0.9317
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v102	0.9481
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v102	0.9303
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v102	0.9299
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v102	0.9484
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v102	0.9343
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v102	0.9304
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v102	0.9304
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v102	0.9307
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v102	0.9439
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v102	0.9303
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v102	0.9321
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v102	0.9484
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v102	0.9641
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v102	0.937
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v102	0.9659
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v102	0.9597
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v102	0.959
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v102	0.923
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v102	0.9658
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v102	0.9258
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v102	0.9255
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v102	0.973
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v102	0.9444
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v102	0.9641
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v102	0.9671
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v102	0.9719
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v102	0.9564
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v102	0.955
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v102	0.9058
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v102	0.9455
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v102	0.954
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v102	0.9257
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v102	0.9437
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v102	0.9624
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v102	0.9634
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v102	0.924
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v102	0.9475
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v102	0.9457
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v102	0.9589
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v102	0.9773
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v102	0.9529
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v102	0.9456
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v102	0.9668
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v102	0.9803
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v102	0.9554
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v102	0.899
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v102	0.9302
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v102	0.925
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v102	0.9273
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v102	0.9314
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v102	0.9239
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v102	0.9249
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v102	0.9434
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v102	0.9316
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v102	0.9221

Listeria_monocytogenes_1639_v148	Listeria_monocytogenes_1639_v102	0.9362
Listeria_monocytogenes_1639_v147	Listeria_monocytogenes_1639_v102	0.9226
Listeria_monocytogenes_1639_v146	Listeria_monocytogenes_1639_v102	0.9572
Listeria_monocytogenes_1639_v145	Listeria_monocytogenes_1639_v102	0.9513
Listeria_monocytogenes_1639_v144	Listeria_monocytogenes_1639_v102	0.9402
Listeria_monocytogenes_1639_v143	Listeria_monocytogenes_1639_v102	0.9546
Listeria_monocytogenes_1639_v142	Listeria_monocytogenes_1639_v102	0.9402
Listeria_monocytogenes_1639_v141	Listeria_monocytogenes_1639_v102	0.9473
Listeria_monocytogenes_1639_v140	Listeria_monocytogenes_1639_v102	0.9405
Listeria_monocytogenes_1639_v13	Listeria_monocytogenes_1639_v102	0.929
Listeria_monocytogenes_1639_v139	Listeria_monocytogenes_1639_v102	0.9342
Listeria_monocytogenes_1639_v138	Listeria_monocytogenes_1639_v102	0.9429
Listeria_monocytogenes_1639_v137	Listeria_monocytogenes_1639_v102	0.9425
Listeria_monocytogenes_1639_v136	Listeria_monocytogenes_1639_v102	0.96
Listeria_monocytogenes_1639_v135	Listeria_monocytogenes_1639_v102	0.9065
Listeria_monocytogenes_1639_v134	Listeria_monocytogenes_1639_v102	0.9279
Listeria_monocytogenes_1639_v133	Listeria_monocytogenes_1639_v102	0.961
Listeria_monocytogenes_1639_v132	Listeria_monocytogenes_1639_v102	0.9081
Listeria_monocytogenes_1639_v131	Listeria_monocytogenes_1639_v102	0.9326
Listeria_monocytogenes_1639_v130	Listeria_monocytogenes_1639_v102	0.9499
Listeria_monocytogenes_1639_v12	Listeria_monocytogenes_1639_v102	0.9449
Listeria_monocytogenes_1639_v129	Listeria_monocytogenes_1639_v102	0.9429
Listeria_monocytogenes_1639_v128	Listeria_monocytogenes_1639_v102	0.9438
Listeria_monocytogenes_1639_v127	Listeria_monocytogenes_1639_v102	0.951
Listeria_monocytogenes_1639_v126	Listeria_monocytogenes_1639_v102	0.9453
Listeria_monocytogenes_1639_v125	Listeria_monocytogenes_1639_v102	0.955
Listeria_monocytogenes_1639_v124	Listeria_monocytogenes_1639_v102	0.916
Listeria_monocytogenes_1639_v123	Listeria_monocytogenes_1639_v102	0.9373
Listeria_monocytogenes_1639_v122	Listeria_monocytogenes_1639_v102	0.9373
Listeria_monocytogenes_1639_v121	Listeria_monocytogenes_1639_v102	0.9373
Listeria_monocytogenes_1639_v120	Listeria_monocytogenes_1639_v102	0.937
Listeria_monocytogenes_1639_v11	Listeria_monocytogenes_1639_v102	0.9451
Listeria_monocytogenes_1639_v119	Listeria_monocytogenes_1639_v102	0.9373
Listeria_monocytogenes_1639_v118	Listeria_monocytogenes_1639_v102	0.9373
Listeria_monocytogenes_1639_v117	Listeria_monocytogenes_1639_v102	0.957
Listeria_monocytogenes_1639_v116	Listeria_monocytogenes_1639_v102	0.9274
Listeria_monocytogenes_1639_v115	Listeria_monocytogenes_1639_v102	0.9278
Listeria_monocytogenes_1639_v114	Listeria_monocytogenes_1639_v102	0.9651
Listeria_monocytogenes_1639_v113	Listeria_monocytogenes_1639_v102	0.9512
Listeria_monocytogenes_1639_v112	Listeria_monocytogenes_1639_v102	0.9345
Listeria_monocytogenes_1639_v111	Listeria_monocytogenes_1639_v102	0.9334
Listeria_monocytogenes_1639_v110	Listeria_monocytogenes_1639_v102	0.9572
Listeria_monocytogenes_1639_v10	Listeria_monocytogenes_1639_v102	0.9303
Listeria_monocytogenes_1639_v109	Listeria_monocytogenes_1639_v102	0.9689
Listeria_monocytogenes_1639_v108	Listeria_monocytogenes_1639_v102	0.9324
Listeria_monocytogenes_1639_v107	Listeria_monocytogenes_1639_v102	0.9303
Listeria_monocytogenes_1639_v106	Listeria_monocytogenes_1639_v102	0.9307
Listeria_monocytogenes_1639_v105	Listeria_monocytogenes_1639_v102	0.9307
Listeria_monocytogenes_1639_v104	Listeria_monocytogenes_1639_v102	0.931
Listeria_monocytogenes_1639_v103	Listeria_monocytogenes_1639_v102	0.931
Listeria_monocytogenes_1639_v102	Listeria_monocytogenes_1639_v102	0.0695
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v103	0.8904
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v103	0.89
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v103	0.8872
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v103	0.8276
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v103	0.8296
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v103	0.8941
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v103	0.8807
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v103	0.9802
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v103	0.9313
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v103	0.9379
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v103	0.9355
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v103	0.9448
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v103	0.948
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v103	0.9261
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v103	0.9817
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v103	0.9413
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v103	0.9188
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v103	0.9766
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v103	0.9122
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v103	0.9766
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v103	0.9719
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v103	0.9702
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v103	0.9713
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v103	0.9705
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v103	0.9713
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v103	0.9785
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v103	0.9785
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v103	0.9705
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v103	0.9705
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v103	0.9705
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v103	0.9253
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v103	0.9261
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v103	0.9261
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v103	0.9388
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v103	0.9388
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v103	0.9151
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v103	0.9151
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v103	0.9206
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v103	0.9194
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v103	0.9206

Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v103	0.9387
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v103	0.939
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v103	0.9206
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v103	0.9213
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v103	0.9213
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v103	0.9456
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v103	0.9456
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v103	0.9165
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v103	0.921
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v103	0.9288
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v103	0.9288
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v103	0.93
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v103	0.9206
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v103	0.9165
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v103	0.9165
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v103	0.9165
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v103	0.9206
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v103	0.9206
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v103	0.9199
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v103	0.8915
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v103	0.9061
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v103	0.9247
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v103	0.9065
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v103	0.9723
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v103	0.9503
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v103	0.9783
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v103	0.9277
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v103	0.9058
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v103	0.925
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v103	0.921
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v103	0.9554
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v103	0.9471
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v103	0.9346
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v103	0.935
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v103	0.9363
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v103	0.972
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v103	0.9992
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v103	0.9989
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v103	0.9117
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v103	0.926
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v103	0.9507
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v103	0.9254
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v103	0.9659
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v103	0.95
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v103	0.95
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v103	0.9504
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v103	0.9243
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v103	0.9504
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v103	0.9571
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v103	0.9254
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v103	0.9119
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v103	0.9673
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v103	0.9263
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v103	0.9251
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v103	0.9247
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v103	0.9695
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v103	0.9318
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v103	0.9875
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v103	0.9868
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v103	0.9278
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v103	0.9451
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v103	0.9119
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v103	0.926
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v103	0.9271
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v103	0.9313
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v103	0.9227
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v103	0.9065
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v103	0.9236
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v103	0.9202
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v103	0.986
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v103	0.9118
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v103	0.9223
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v103	0.9116
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v103	0.9713
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v103	0.9414
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v103	0.9448
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v103	0.9327
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v103	0.9234
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v103	0.9268
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v103	0.9402
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v103	0.9232
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v103	0.9233
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v103	0.9297
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v103	0.9064
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v103	0.9879
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v103	0.9769
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v103	0.9472
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v103	0.9879
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v103	0.943
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v103	0.9257
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v103	0.93

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Listeria_monocytogenes_1639_v14	Listeria_monocytogenes_1639_v103	0.9323
Listeria_monocytogenes_1639_v149	Listeria_monocytogenes_1639_v103	0.9366
Listeria_monocytogenes_1639_v148	Listeria_monocytogenes_1639_v103	0.969
Listeria_monocytogenes_1639_v147	Listeria_monocytogenes_1639_v103	0.9554
Listeria_monocytogenes_1639_v146	Listeria_monocytogenes_1639_v103	0.9468
Listeria_monocytogenes_1639_v145	Listeria_monocytogenes_1639_v103	0.9435
Listeria_monocytogenes_1639_v144	Listeria_monocytogenes_1639_v103	0.9715
Listeria_monocytogenes_1639_v143	Listeria_monocytogenes_1639_v103	0.9473
Listeria_monocytogenes_1639_v142	Listeria_monocytogenes_1639_v103	0.9719
Listeria_monocytogenes_1639_v141	Listeria_monocytogenes_1639_v103	0.9642
Listeria_monocytogenes_1639_v140	Listeria_monocytogenes_1639_v103	0.9727
Listeria_monocytogenes_1639_v13	Listeria_monocytogenes_1639_v103	0.9247
Listeria_monocytogenes_1639_v139	Listeria_monocytogenes_1639_v103	0.9727
Listeria_monocytogenes_1639_v138	Listeria_monocytogenes_1639_v103	0.9742
Listeria_monocytogenes_1639_v137	Listeria_monocytogenes_1639_v103	0.9742
Listeria_monocytogenes_1639_v136	Listeria_monocytogenes_1639_v103	0.9383
Listeria_monocytogenes_1639_v135	Listeria_monocytogenes_1639_v103	0.9204
Listeria_monocytogenes_1639_v134	Listeria_monocytogenes_1639_v103	0.9805
Listeria_monocytogenes_1639_v133	Listeria_monocytogenes_1639_v103	0.9354
Listeria_monocytogenes_1639_v132	Listeria_monocytogenes_1639_v103	0.9208
Listeria_monocytogenes_1639_v131	Listeria_monocytogenes_1639_v103	0.9578
Listeria_monocytogenes_1639_v130	Listeria_monocytogenes_1639_v103	0.9261
Listeria_monocytogenes_1639_v12	Listeria_monocytogenes_1639_v103	0.9071
Listeria_monocytogenes_1639_v129	Listeria_monocytogenes_1639_v103	0.9642
Listeria_monocytogenes_1639_v128	Listeria_monocytogenes_1639_v103	0.962
Listeria_monocytogenes_1639_v127	Listeria_monocytogenes_1639_v103	0.9346
Listeria_monocytogenes_1639_v126	Listeria_monocytogenes_1639_v103	0.9601
Listeria_monocytogenes_1639_v125	Listeria_monocytogenes_1639_v103	0.9343
Listeria_monocytogenes_1639_v124	Listeria_monocytogenes_1639_v103	0.9435
Listeria_monocytogenes_1639_v123	Listeria_monocytogenes_1639_v103	0.972
Listeria_monocytogenes_1639_v122	Listeria_monocytogenes_1639_v103	0.972
Listeria_monocytogenes_1639_v121	Listeria_monocytogenes_1639_v103	0.972
Listeria_monocytogenes_1639_v120	Listeria_monocytogenes_1639_v103	0.972
Listeria_monocytogenes_1639_v11	Listeria_monocytogenes_1639_v103	0.9084
Listeria_monocytogenes_1639_v119	Listeria_monocytogenes_1639_v103	0.972
Listeria_monocytogenes_1639_v118	Listeria_monocytogenes_1639_v103	0.972
Listeria_monocytogenes_1639_v117	Listeria_monocytogenes_1639_v103	0.9368
Listeria_monocytogenes_1639_v116	Listeria_monocytogenes_1639_v103	0.9817
Listeria_monocytogenes_1639_v115	Listeria_monocytogenes_1639_v103	0.9813
Listeria_monocytogenes_1639_v114	Listeria_monocytogenes_1639_v103	0.9299
Listeria_monocytogenes_1639_v113	Listeria_monocytogenes_1639_v103	0.9549
Listeria_monocytogenes_1639_v112	Listeria_monocytogenes_1639_v103	0.9654
Listeria_monocytogenes_1639_v111	Listeria_monocytogenes_1639_v103	0.9465
Listeria_monocytogenes_1639_v110	Listeria_monocytogenes_1639_v103	0.9296
Listeria_monocytogenes_1639_v10	Listeria_monocytogenes_1639_v103	0.923
Listeria_monocytogenes_1639_v109	Listeria_monocytogenes_1639_v103	0.9292
Listeria_monocytogenes_1639_v108	Listeria_monocytogenes_1639_v103	0.9591
Listeria_monocytogenes_1639_v107	Listeria_monocytogenes_1639_v103	0.9985
Listeria_monocytogenes_1639_v106	Listeria_monocytogenes_1639_v103	0.9996
Listeria_monocytogenes_1639_v105	Listeria_monocytogenes_1639_v103	0.9996
Listeria_monocytogenes_1639_v104	Listeria_monocytogenes_1639_v103	0.9996
Listeria_monocytogenes_1639_v103	Listeria_monocytogenes_1639_v103	0.0685
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v104	0.8904
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v104	0.8897
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v104	0.8869
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v104	0.8276
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v104	0.8293
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v104	0.8937
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v104	0.8807
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v104	0.9798
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v104	0.9313
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v104	0.9379
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v104	0.9355
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v104	0.9448
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v104	0.948
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v104	0.9257
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v104	0.9817
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v104	0.9409
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v104	0.9185
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v104	0.9766
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v104	0.9119
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v104	0.9766
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v104	0.9719
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v104	0.9698
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v104	0.9709
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v104	0.9705
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v104	0.9709
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v104	0.9781
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v104	0.9781
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v104	0.9705
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v104	0.9705
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v104	0.9705
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v104	0.925
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v104	0.9261
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v104	0.9261
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v104	0.9384
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v104	0.9384
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v104	0.9148
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v104	0.9148
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v104	0.9203
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v104	0.9194

Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v104	0.9206
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v104	0.9387
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v104	0.9387
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v104	0.9206
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v104	0.9209
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v104	0.9209
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v104	0.9452
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v104	0.9452
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v104	0.9162
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v104	0.9206
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v104	0.9285
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v104	0.9285
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v104	0.9296
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v104	0.9206
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v104	0.9162
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v104	0.9162
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v104	0.9162
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v104	0.9206
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v104	0.9203
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v104	0.9196
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v104	0.8912
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v104	0.9058
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v104	0.9244
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v104	0.9065
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v104	0.9723
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v104	0.9503
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v104	0.9779
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v104	0.9277
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v104	0.9058
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v104	0.9247
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v104	0.9206
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v104	0.955
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v104	0.9467
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v104	0.9342
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v104	0.9346
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v104	0.9363
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v104	0.9716
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v104	0.9989
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v104	0.9989
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v104	0.9117
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v104	0.9256
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v104	0.9507
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v104	0.9254
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v104	0.9655
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v104	0.95
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v104	0.95
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v104	0.95
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v104	0.9243
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v104	0.9504
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v104	0.9571
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v104	0.9254
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v104	0.9119
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v104	0.9669
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v104	0.9263
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v104	0.9251
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v104	0.9244
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v104	0.9691
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v104	0.9318
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v104	0.9871
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v104	0.9864
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v104	0.9278
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v104	0.9451
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v104	0.9119
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v104	0.9257
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v104	0.9271
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v104	0.931
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v104	0.9224
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v104	0.9065
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v104	0.9232
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v104	0.9199
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v104	0.986
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v104	0.9115
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v104	0.9223
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v104	0.9113
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v104	0.9713
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v104	0.9414
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v104	0.9448
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v104	0.9327
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v104	0.9234
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v104	0.9268
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v104	0.9399
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v104	0.9232
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v104	0.9233
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v104	0.9297
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v104	0.9064
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v104	0.9879
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v104	0.9765
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v104	0.9472
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v104	0.9875
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v104	0.943
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v104	0.9253

[illegible]

Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v105	0.9203
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v105	0.9383
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v105	0.9387
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v105	0.9203
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v105	0.9209
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v105	0.9209
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v105	0.9452
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v105	0.9452
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v105	0.9162
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v105	0.9206
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v105	0.9285
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v105	0.9285
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v105	0.9296
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v105	0.9203
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v105	0.9162
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v105	0.9162
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v105	0.9162
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v105	0.9203
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v105	0.9203
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v105	0.9196
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v105	0.8912
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v105	0.9058
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v105	0.9244
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v105	0.9061
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v105	0.9719
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v105	0.9504
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v105	0.9779
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v105	0.9274
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v105	0.9054
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v105	0.9247
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v105	0.9206
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v105	0.955
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v105	0.9471
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v105	0.9342
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v105	0.9346
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v105	0.9359
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v105	0.9716
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v105	0.9989
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v105	0.9985
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v105	0.9113
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v105	0.926
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v105	0.9504
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v105	0.9254
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v105	0.9655
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v105	0.9497
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v105	0.9497
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v105	0.95
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v105	0.9239
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v105	0.95
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v105	0.9567
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v105	0.9254
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v105	0.9116
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v105	0.9669
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v105	0.926
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v105	0.9247
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v105	0.9244
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v105	0.9695
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v105	0.9314
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v105	0.9871
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v105	0.9868
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v105	0.9278
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v105	0.9447
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v105	0.9116
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v105	0.9261
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v105	0.9271
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v105	0.931
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v105	0.9224
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v105	0.9061
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v105	0.9232
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v105	0.9199
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v105	0.9856
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v105	0.9115
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v105	0.9219
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v105	0.9113
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v105	0.9709
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v105	0.941
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v105	0.9444
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v105	0.9323
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v105	0.923
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v105	0.9264
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v105	0.9399
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v105	0.9233
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v105	0.923
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v105	0.9293
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v105	0.9061
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v105	0.9875
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v105	0.9765
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v105	0.9469
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v105	0.9875
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v105	0.9426
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v105	0.9253

[illegible]

Listeria_monocytogenes_1639_v150	Listeria_monocytogenes_1639_v105	0.9377
Listeria_monocytogenes_1639_v14	Listeria_monocytogenes_1639_v105	0.9319
Listeria_monocytogenes_1639_v149	Listeria_monocytogenes_1639_v105	0.9363
Listeria_monocytogenes_1639_v148	Listeria_monocytogenes_1639_v105	0.9686
Listeria_monocytogenes_1639_v147	Listeria_monocytogenes_1639_v105	0.9551
Listeria_monocytogenes_1639_v146	Listeria_monocytogenes_1639_v105	0.9465
Listeria_monocytogenes_1639_v145	Listeria_monocytogenes_1639_v105	0.9435
Listeria_monocytogenes_1639_v144	Listeria_monocytogenes_1639_v105	0.9716
Listeria_monocytogenes_1639_v143	Listeria_monocytogenes_1639_v105	0.9473
Listeria_monocytogenes_1639_v142	Listeria_monocytogenes_1639_v105	0.9719
Listeria_monocytogenes_1639_v141	Listeria_monocytogenes_1639_v105	0.9638
Listeria_monocytogenes_1639_v140	Listeria_monocytogenes_1639_v105	0.9723
Listeria_monocytogenes_1639_v13	Listeria_monocytogenes_1639_v105	0.9243
Listeria_monocytogenes_1639_v139	Listeria_monocytogenes_1639_v105	0.9724
Listeria_monocytogenes_1639_v138	Listeria_monocytogenes_1639_v105	0.9743
Listeria_monocytogenes_1639_v137	Listeria_monocytogenes_1639_v105	0.9739
Listeria_monocytogenes_1639_v136	Listeria_monocytogenes_1639_v105	0.938
Listeria_monocytogenes_1639_v135	Listeria_monocytogenes_1639_v105	0.92
Listeria_monocytogenes_1639_v134	Listeria_monocytogenes_1639_v105	0.9801
Listeria_monocytogenes_1639_v133	Listeria_monocytogenes_1639_v105	0.9351
Listeria_monocytogenes_1639_v132	Listeria_monocytogenes_1639_v105	0.9205
Listeria_monocytogenes_1639_v131	Listeria_monocytogenes_1639_v105	0.9575
Listeria_monocytogenes_1639_v130	Listeria_monocytogenes_1639_v105	0.9258
Listeria_monocytogenes_1639_v12	Listeria_monocytogenes_1639_v105	0.9068
Listeria_monocytogenes_1639_v129	Listeria_monocytogenes_1639_v105	0.9639
Listeria_monocytogenes_1639_v128	Listeria_monocytogenes_1639_v105	0.9617
Listeria_monocytogenes_1639_v127	Listeria_monocytogenes_1639_v105	0.9342
Listeria_monocytogenes_1639_v126	Listeria_monocytogenes_1639_v105	0.9598
Listeria_monocytogenes_1639_v125	Listeria_monocytogenes_1639_v105	0.9343
Listeria_monocytogenes_1639_v124	Listeria_monocytogenes_1639_v105	0.9432
Listeria_monocytogenes_1639_v123	Listeria_monocytogenes_1639_v105	0.9716
Listeria_monocytogenes_1639_v122	Listeria_monocytogenes_1639_v105	0.9716
Listeria_monocytogenes_1639_v121	Listeria_monocytogenes_1639_v105	0.9716
Listeria_monocytogenes_1639_v120	Listeria_monocytogenes_1639_v105	0.972
Listeria_monocytogenes_1639_v11	Listeria_monocytogenes_1639_v105	0.9081
Listeria_monocytogenes_1639_v119	Listeria_monocytogenes_1639_v105	0.9716
Listeria_monocytogenes_1639_v118	Listeria_monocytogenes_1639_v105	0.9716
Listeria_monocytogenes_1639_v117	Listeria_monocytogenes_1639_v105	0.9365
Listeria_monocytogenes_1639_v116	Listeria_monocytogenes_1639_v105	0.9813
Listeria_monocytogenes_1639_v115	Listeria_monocytogenes_1639_v105	0.9809
Listeria_monocytogenes_1639_v114	Listeria_monocytogenes_1639_v105	0.9295
Listeria_monocytogenes_1639_v113	Listeria_monocytogenes_1639_v105	0.9546
Listeria_monocytogenes_1639_v112	Listeria_monocytogenes_1639_v105	0.9654
Listeria_monocytogenes_1639_v111	Listeria_monocytogenes_1639_v105	0.9461
Listeria_monocytogenes_1639_v110	Listeria_monocytogenes_1639_v105	0.9292
Listeria_monocytogenes_1639_v10	Listeria_monocytogenes_1639_v105	0.923
Listeria_monocytogenes_1639_v109	Listeria_monocytogenes_1639_v105	0.9288
Listeria_monocytogenes_1639_v108	Listeria_monocytogenes_1639_v105	0.9587
Listeria_monocytogenes_1639_v107	Listeria_monocytogenes_1639_v105	0.9985
Listeria_monocytogenes_1639_v106	Listeria_monocytogenes_1639_v105	0.9996
Listeria_monocytogenes_1639_v105	Listeria_monocytogenes_1639_v105	0.0684
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v106	0.89
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v106	0.8897
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v106	0.8869
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v106	0.8273
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v106	0.8293
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v106	0.8937
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v106	0.8804
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v106	0.9798
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v106	0.9309
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v106	0.9376
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v106	0.9352
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v106	0.9444
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v106	0.9476
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v106	0.9257
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v106	0.9813
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v106	0.9409
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v106	0.9185
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v106	0.9762
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v106	0.9119
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v106	0.9762
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v106	0.9715
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v106	0.9698
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v106	0.9709
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v106	0.9702
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v106	0.9709
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v106	0.9781
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v106	0.9781
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v106	0.9702
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v106	0.9702
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v106	0.9702
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v106	0.925
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v106	0.9257
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v106	0.9257
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v106	0.9384
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v106	0.9384
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v106	0.9148
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v106	0.9148
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v106	0.9203
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v106	0.9191
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v106	0.9203

Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v106	0.9383
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v106	0.9387
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v106	0.9203
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v106	0.9209
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v106	0.9209
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v106	0.9452
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v106	0.9452
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v106	0.9162
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v106	0.9206
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v106	0.9285
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v106	0.9285
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v106	0.9296
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v106	0.9203
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v106	0.9162
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v106	0.9162
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v106	0.9162
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v106	0.9203
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v106	0.9203
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v106	0.9196
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v106	0.8912
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v106	0.9058
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v106	0.9244
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v106	0.9061
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v106	0.9719
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v106	0.95
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v106	0.9779
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v106	0.9274
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v106	0.9054
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v106	0.9247
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v106	0.9206
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v106	0.955
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v106	0.9471
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v106	0.9342
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v106	0.9346
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v106	0.9359
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v106	0.9716
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v106	0.9989
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v106	0.9985
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v106	0.9113
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v106	0.926
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v106	0.9504
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v106	0.9254
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v106	0.9655
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v106	0.9497
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v106	0.9497
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v106	0.95
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v106	0.9239
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v106	0.95
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v106	0.9567
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v106	0.9254
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v106	0.9116
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v106	0.9669
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v106	0.926
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v106	0.9247
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v106	0.9244
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v106	0.9691
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v106	0.9314
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v106	0.9871
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v106	0.9864
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v106	0.9278
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v106	0.9447
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v106	0.9116
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v106	0.9261
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v106	0.9271
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v106	0.931
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v106	0.9224
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v106	0.9061
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v106	0.9232
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v106	0.9199
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v106	0.9856
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v106	0.9115
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v106	0.9219
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v106	0.9113
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v106	0.9709
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v106	0.941
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v106	0.9444
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v106	0.9323
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v106	0.923
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v106	0.9264
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v106	0.9399
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v106	0.9233
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v106	0.923
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v106	0.9293
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v106	0.9061
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v106	0.9875
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v106	0.9765
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v106	0.9469
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v106	0.9875
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v106	0.9426
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v106	0.9253
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v106	0.9297

Listeria_monocytogenes_1639_v14	Listeria_monocytogenes_1639_v106	0.9319
Listeria_monocytogenes_1639_v149	Listeria_monocytogenes_1639_v106	0.9363
Listeria_monocytogenes_1639_v148	Listeria_monocytogenes_1639_v106	0.9686
Listeria_monocytogenes_1639_v147	Listeria_monocytogenes_1639_v106	0.9551
Listeria_monocytogenes_1639_v146	Listeria_monocytogenes_1639_v106	0.9465
Listeria_monocytogenes_1639_v145	Listeria_monocytogenes_1639_v106	0.9431
Listeria_monocytogenes_1639_v144	Listeria_monocytogenes_1639_v106	0.9712
Listeria_monocytogenes_1639_v143	Listeria_monocytogenes_1639_v106	0.9473
Listeria_monocytogenes_1639_v142	Listeria_monocytogenes_1639_v106	0.9716
Listeria_monocytogenes_1639_v141	Listeria_monocytogenes_1639_v106	0.9638
Listeria_monocytogenes_1639_v140	Listeria_monocytogenes_1639_v106	0.9723
Listeria_monocytogenes_1639_v13	Listeria_monocytogenes_1639_v106	0.9243
Listeria_monocytogenes_1639_v139	Listeria_monocytogenes_1639_v106	0.9724
Listeria_monocytogenes_1639_v138	Listeria_monocytogenes_1639_v106	0.9739
Listeria_monocytogenes_1639_v137	Listeria_monocytogenes_1639_v106	0.9739
Listeria_monocytogenes_1639_v136	Listeria_monocytogenes_1639_v106	0.938
Listeria_monocytogenes_1639_v135	Listeria_monocytogenes_1639_v106	0.92
Listeria_monocytogenes_1639_v134	Listeria_monocytogenes_1639_v106	0.9801
Listeria_monocytogenes_1639_v133	Listeria_monocytogenes_1639_v106	0.9351
Listeria_monocytogenes_1639_v132	Listeria_monocytogenes_1639_v106	0.9205
Listeria_monocytogenes_1639_v131	Listeria_monocytogenes_1639_v106	0.9575
Listeria_monocytogenes_1639_v130	Listeria_monocytogenes_1639_v106	0.9258
Listeria_monocytogenes_1639_v12	Listeria_monocytogenes_1639_v106	0.9068
Listeria_monocytogenes_1639_v129	Listeria_monocytogenes_1639_v106	0.9639
Listeria_monocytogenes_1639_v128	Listeria_monocytogenes_1639_v106	0.9617
Listeria_monocytogenes_1639_v127	Listeria_monocytogenes_1639_v106	0.9342
Listeria_monocytogenes_1639_v126	Listeria_monocytogenes_1639_v106	0.9598
Listeria_monocytogenes_1639_v125	Listeria_monocytogenes_1639_v106	0.9343
Listeria_monocytogenes_1639_v124	Listeria_monocytogenes_1639_v106	0.9432
Listeria_monocytogenes_1639_v123	Listeria_monocytogenes_1639_v106	0.9716
Listeria_monocytogenes_1639_v122	Listeria_monocytogenes_1639_v106	0.9716
Listeria_monocytogenes_1639_v121	Listeria_monocytogenes_1639_v106	0.9716
Listeria_monocytogenes_1639_v120	Listeria_monocytogenes_1639_v106	0.9716
Listeria_monocytogenes_1639_v11	Listeria_monocytogenes_1639_v106	0.9081
Listeria_monocytogenes_1639_v119	Listeria_monocytogenes_1639_v106	0.9716
Listeria_monocytogenes_1639_v118	Listeria_monocytogenes_1639_v106	0.9716
Listeria_monocytogenes_1639_v117	Listeria_monocytogenes_1639_v106	0.9365
Listeria_monocytogenes_1639_v116	Listeria_monocytogenes_1639_v106	0.9813
Listeria_monocytogenes_1639_v115	Listeria_monocytogenes_1639_v106	0.9809
Listeria_monocytogenes_1639_v114	Listeria_monocytogenes_1639_v106	0.9295
Listeria_monocytogenes_1639_v113	Listeria_monocytogenes_1639_v106	0.9546
Listeria_monocytogenes_1639_v112	Listeria_monocytogenes_1639_v106	0.965
Listeria_monocytogenes_1639_v111	Listeria_monocytogenes_1639_v106	0.9461
Listeria_monocytogenes_1639_v110	Listeria_monocytogenes_1639_v106	0.9292
Listeria_monocytogenes_1639_v10	Listeria_monocytogenes_1639_v106	0.923
Listeria_monocytogenes_1639_v109	Listeria_monocytogenes_1639_v106	0.9288
Listeria_monocytogenes_1639_v108	Listeria_monocytogenes_1639_v106	0.9587
Listeria_monocytogenes_1639_v107	Listeria_monocytogenes_1639_v106	0.9981
Listeria_monocytogenes_1639_v106	Listeria_monocytogenes_1639_v106	0.0684
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v107	0.89
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v107	0.8897
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v107	0.8869
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v107	0.8277
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v107	0.8293
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v107	0.8937
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v107	0.8804
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v107	0.9794
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v107	0.9306
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v107	0.9372
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v107	0.9348
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v107	0.944
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v107	0.9472
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v107	0.9254
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v107	0.9809
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v107	0.9406
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v107	0.9181
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v107	0.9758
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v107	0.9115
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v107	0.9758
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v107	0.9712
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v107	0.9694
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v107	0.9705
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v107	0.9698
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v107	0.9705
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v107	0.9781
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v107	0.9781
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v107	0.9698
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v107	0.9698
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v107	0.9698
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v107	0.9246
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v107	0.9254
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v107	0.9254
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v107	0.9381
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v107	0.9381
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v107	0.9144
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v107	0.9144
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v107	0.9199
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v107	0.9187
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v107	0.9199
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v107	0.938
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v107	0.9383

Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v107	0.9199
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v107	0.9206
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v107	0.9206
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v107	0.9448
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v107	0.9448
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v107	0.9158
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v107	0.9203
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v107	0.9281
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v107	0.9281
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v107	0.9292
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v107	0.9199
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v107	0.9158
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v107	0.9158
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v107	0.9158
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v107	0.9199
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v107	0.9199
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v107	0.9192
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v107	0.8908
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v107	0.9054
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v107	0.924
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v107	0.9058
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v107	0.9715
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v107	0.95
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v107	0.9775
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v107	0.927
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v107	0.905
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v107	0.9239
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v107	0.9203
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v107	0.9546
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v107	0.9464
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v107	0.9338
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v107	0.9342
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v107	0.9355
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v107	0.9713
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v107	0.9985
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v107	0.9981
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v107	0.9109
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v107	0.9252
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v107	0.95
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v107	0.9246
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v107	0.9651
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v107	0.9493
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v107	0.9493
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v107	0.9496
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v107	0.9236
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v107	0.9496
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v107	0.9563
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v107	0.9246
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v107	0.9112
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v107	0.9665
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v107	0.9256
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v107	0.9244
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v107	0.924
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v107	0.9691
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v107	0.9311
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v107	0.9868
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v107	0.9864
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v107	0.9271
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v107	0.9443
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v107	0.9112
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v107	0.9253
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v107	0.9264
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v107	0.9306
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v107	0.922
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v107	0.9058
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v107	0.9228
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v107	0.9195
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v107	0.9852
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v107	0.9111
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v107	0.9215
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v107	0.9109
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v107	0.9705
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v107	0.9406
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v107	0.9441
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v107	0.9319
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v107	0.9226
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v107	0.926
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v107	0.9395
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v107	0.9225
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v107	0.9226
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v107	0.9289
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v107	0.9057
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v107	0.9871
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v107	0.9762
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v107	0.9465
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v107	0.9871
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v107	0.9422
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v107	0.925
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v107	0.9293
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v107	0.9736
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v107	0.9808

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Listeria_monocytogenes_1639_v148	Listeria_monocytogenes_1639_v107	0.9682
Listeria_monocytogenes_1639_v147	Listeria_monocytogenes_1639_v107	0.9547
Listeria_monocytogenes_1639_v146	Listeria_monocytogenes_1639_v107	0.9461
Listeria_monocytogenes_1639_v145	Listeria_monocytogenes_1639_v107	0.9431
Listeria_monocytogenes_1639_v144	Listeria_monocytogenes_1639_v107	0.9712
Listeria_monocytogenes_1639_v143	Listeria_monocytogenes_1639_v107	0.9465
Listeria_monocytogenes_1639_v142	Listeria_monocytogenes_1639_v107	0.9716
Listeria_monocytogenes_1639_v141	Listeria_monocytogenes_1639_v107	0.9634
Listeria_monocytogenes_1639_v140	Listeria_monocytogenes_1639_v107	0.9719
Listeria_monocytogenes_1639_v13	Listeria_monocytogenes_1639_v107	0.924
Listeria_monocytogenes_1639_v139	Listeria_monocytogenes_1639_v107	0.972
Listeria_monocytogenes_1639_v138	Listeria_monocytogenes_1639_v107	0.9739
Listeria_monocytogenes_1639_v137	Listeria_monocytogenes_1639_v107	0.9735
Listeria_monocytogenes_1639_v136	Listeria_monocytogenes_1639_v107	0.9376
Listeria_monocytogenes_1639_v135	Listeria_monocytogenes_1639_v107	0.9196
Listeria_monocytogenes_1639_v134	Listeria_monocytogenes_1639_v107	0.9797
Listeria_monocytogenes_1639_v133	Listeria_monocytogenes_1639_v107	0.9347
Listeria_monocytogenes_1639_v132	Listeria_monocytogenes_1639_v107	0.9201
Listeria_monocytogenes_1639_v131	Listeria_monocytogenes_1639_v107	0.9571
Listeria_monocytogenes_1639_v130	Listeria_monocytogenes_1639_v107	0.9254
Listeria_monocytogenes_1639_v12	Listeria_monocytogenes_1639_v107	0.9064
Listeria_monocytogenes_1639_v129	Listeria_monocytogenes_1639_v107	0.9635
Listeria_monocytogenes_1639_v128	Listeria_monocytogenes_1639_v107	0.9613
Listeria_monocytogenes_1639_v127	Listeria_monocytogenes_1639_v107	0.9338
Listeria_monocytogenes_1639_v126	Listeria_monocytogenes_1639_v107	0.9594
Listeria_monocytogenes_1639_v125	Listeria_monocytogenes_1639_v107	0.9336
Listeria_monocytogenes_1639_v124	Listeria_monocytogenes_1639_v107	0.9428
Listeria_monocytogenes_1639_v123	Listeria_monocytogenes_1639_v107	0.9713
Listeria_monocytogenes_1639_v122	Listeria_monocytogenes_1639_v107	0.9713
Listeria_monocytogenes_1639_v121	Listeria_monocytogenes_1639_v107	0.9713
Listeria_monocytogenes_1639_v120	Listeria_monocytogenes_1639_v107	0.9716
Listeria_monocytogenes_1639_v11	Listeria_monocytogenes_1639_v107	0.9077
Listeria_monocytogenes_1639_v119	Listeria_monocytogenes_1639_v107	0.9713
Listeria_monocytogenes_1639_v118	Listeria_monocytogenes_1639_v107	0.9713
Listeria_monocytogenes_1639_v117	Listeria_monocytogenes_1639_v107	0.9361
Listeria_monocytogenes_1639_v116	Listeria_monocytogenes_1639_v107	0.9809
Listeria_monocytogenes_1639_v115	Listeria_monocytogenes_1639_v107	0.9805
Listeria_monocytogenes_1639_v114	Listeria_monocytogenes_1639_v107	0.9292
Listeria_monocytogenes_1639_v113	Listeria_monocytogenes_1639_v107	0.9542
Listeria_monocytogenes_1639_v112	Listeria_monocytogenes_1639_v107	0.965
Listeria_monocytogenes_1639_v111	Listeria_monocytogenes_1639_v107	0.9457
Listeria_monocytogenes_1639_v110	Listeria_monocytogenes_1639_v107	0.9288
Listeria_monocytogenes_1639_v10	Listeria_monocytogenes_1639_v107	0.9223
Listeria_monocytogenes_1639_v109	Listeria_monocytogenes_1639_v107	0.9284
Listeria_monocytogenes_1639_v108	Listeria_monocytogenes_1639_v107	0.9583
Listeria_monocytogenes_1639_v107	Listeria_monocytogenes_1639_v107	0.0711
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v108	0.875
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v108	0.8747
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v108	0.8798
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v108	0.8257
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v108	0.8319
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v108	0.8874
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v108	0.8908
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v108	0.9573
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v108	0.93
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v108	0.9396
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v108	0.9342
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v108	0.9397
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v108	0.942
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v108	0.929
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v108	0.9584
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v108	0.9365
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v108	0.9218
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v108	0.9642
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v108	0.9195
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v108	0.9642
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v108	0.9657
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v108	0.9596
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v108	0.9607
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v108	0.9603
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v108	0.9611
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v108	0.9631
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v108	0.9631
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v108	0.9622
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v108	0.9622
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v108	0.9622
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v108	0.9279
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v108	0.9279
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v108	0.9279
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v108	0.9468
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v108	0.9468
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v108	0.9188
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v108	0.9188
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v108	0.9232
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v108	0.9224
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v108	0.9232
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v108	0.9343
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v108	0.9343
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v108	0.9232
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v108	0.9238
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v108	0.9238

Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v108	0.9407
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v108	0.9407
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v108	0.9195
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v108	0.9235
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v108	0.9359
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v108	0.9359
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v108	0.9317
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v108	0.9232
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v108	0.9195
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v108	0.9195
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v108	0.9195
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v108	0.9232
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v108	0.9232
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v108	0.9203
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v108	0.8925
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v108	0.914
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v108	0.9325
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v108	0.9143
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v108	0.9661
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v108	0.9739
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v108	0.9547
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v108	0.9321
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v108	0.9136
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v108	0.9272
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v108	0.9092
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v108	0.9482
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v108	0.9415
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v108	0.9431
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v108	0.9435
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v108	0.935
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v108	0.9715
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v108	0.9598
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v108	0.9594
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v108	0.9183
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v108	0.9314
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v108	0.9788
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v108	0.9343
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v108	0.9635
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v108	0.975
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v108	0.9751
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v108	0.9754
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v108	0.919
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v108	0.9814
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v108	0.9597
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v108	0.9343
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v108	0.9098
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v108	0.9796
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v108	0.9285
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v108	0.931
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v108	0.9306
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v108	0.9593
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v108	0.9339
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v108	0.9595
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v108	0.9588
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v108	0.9299
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v108	0.9501
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v108	0.9098
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v108	0.9282
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v108	0.9289
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v108	0.9286
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v108	0.9223
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v108	0.9143
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v108	0.9276
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v108	0.9276
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v108	0.9614
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v108	0.9115
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v108	0.9263
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v108	0.9095
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v108	0.9607
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v108	0.934
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v108	0.9408
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v108	0.9295
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v108	0.9319
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v108	0.9203
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v108	0.9419
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v108	0.9243
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v108	0.9263
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v108	0.9284
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v108	0.9129
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v108	0.9527
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v108	0.9632
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v108	0.9737
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v108	0.9557
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v108	0.9797
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v108	0.9211
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v108	0.9235
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v108	0.96
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v108	0.9556
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v108	0.9224
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v108	0.9262
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v108	0.9499

Listeria_monocytogenes_1639_v145	Listeria_monocytogenes_1639_v108	0.9337
Listeria_monocytogenes_1639_v144	Listeria_monocytogenes_1639_v108	0.9653
Listeria_monocytogenes_1639_v143	Listeria_monocytogenes_1639_v108	0.9405
Listeria_monocytogenes_1639_v142	Listeria_monocytogenes_1639_v108	0.9657
Listeria_monocytogenes_1639_v141	Listeria_monocytogenes_1639_v108	0.9599
Listeria_monocytogenes_1639_v140	Listeria_monocytogenes_1639_v108	0.9665
Listeria_monocytogenes_1639_v13	Listeria_monocytogenes_1639_v108	0.9334
Listeria_monocytogenes_1639_v139	Listeria_monocytogenes_1639_v108	0.965
Listeria_monocytogenes_1639_v138	Listeria_monocytogenes_1639_v108	0.9688
Listeria_monocytogenes_1639_v137	Listeria_monocytogenes_1639_v108	0.9684
Listeria_monocytogenes_1639_v136	Listeria_monocytogenes_1639_v108	0.934
Listeria_monocytogenes_1639_v135	Listeria_monocytogenes_1639_v108	0.9245
Listeria_monocytogenes_1639_v134	Listeria_monocytogenes_1639_v108	0.9583
Listeria_monocytogenes_1639_v133	Listeria_monocytogenes_1639_v108	0.933
Listeria_monocytogenes_1639_v132	Listeria_monocytogenes_1639_v108	0.9249
Listeria_monocytogenes_1639_v131	Listeria_monocytogenes_1639_v108	0.9977
Listeria_monocytogenes_1639_v130	Listeria_monocytogenes_1639_v108	0.9242
Listeria_monocytogenes_1639_v12	Listeria_monocytogenes_1639_v108	0.9094
Listeria_monocytogenes_1639_v129	Listeria_monocytogenes_1639_v108	0.9573
Listeria_monocytogenes_1639_v128	Listeria_monocytogenes_1639_v108	0.9559
Listeria_monocytogenes_1639_v127	Listeria_monocytogenes_1639_v108	0.9408
Listeria_monocytogenes_1639_v126	Listeria_monocytogenes_1639_v108	0.954
Listeria_monocytogenes_1639_v125	Listeria_monocytogenes_1639_v108	0.936
Listeria_monocytogenes_1639_v124	Listeria_monocytogenes_1639_v108	0.93
Listeria_monocytogenes_1639_v123	Listeria_monocytogenes_1639_v108	0.9715
Listeria_monocytogenes_1639_v122	Listeria_monocytogenes_1639_v108	0.9715
Listeria_monocytogenes_1639_v121	Listeria_monocytogenes_1639_v108	0.9715
Listeria_monocytogenes_1639_v120	Listeria_monocytogenes_1639_v108	0.9715
Listeria_monocytogenes_1639_v11	Listeria_monocytogenes_1639_v108	0.9143
Listeria_monocytogenes_1639_v119	Listeria_monocytogenes_1639_v108	0.9715
Listeria_monocytogenes_1639_v118	Listeria_monocytogenes_1639_v108	0.9715
Listeria_monocytogenes_1639_v117	Listeria_monocytogenes_1639_v108	0.9313
Listeria_monocytogenes_1639_v116	Listeria_monocytogenes_1639_v108	0.958
Listeria_monocytogenes_1639_v115	Listeria_monocytogenes_1639_v108	0.9584
Listeria_monocytogenes_1639_v114	Listeria_monocytogenes_1639_v108	0.9287
Listeria_monocytogenes_1639_v113	Listeria_monocytogenes_1639_v108	0.9527
Listeria_monocytogenes_1639_v112	Listeria_monocytogenes_1639_v108	0.9616
Listeria_monocytogenes_1639_v111	Listeria_monocytogenes_1639_v108	0.9439
Listeria_monocytogenes_1639_v110	Listeria_monocytogenes_1639_v108	0.9358
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Listeria_monocytogenes_1639_v108	Listeria_monocytogenes_1639_v108	0.065
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v109	0.8732
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v109	0.8729
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v109	0.8783
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v109	0.8223
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v109	0.8381
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v109	0.8749
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v109	0.8736
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v109	0.9222
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v109	0.9786
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v109	0.9537
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v109	0.9804
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v109	0.9273
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v109	0.9413
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v109	0.9589
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v109	0.9233
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v109	0.9361
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v109	0.9511
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v109	0.9293
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v109	0.9604
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v109	0.9293
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v109	0.936
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v109	0.9185
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v109	0.9196
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v109	0.9199
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v109	0.9196
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v109	0.9346
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v109	0.9346
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v109	0.9196
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v109	0.9196
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v109	0.9196
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v109	0.9645
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v109	0.9653
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v109	0.9653
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v109	0.9398
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v109	0.9398
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v109	0.955
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v109	0.955
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v109	0.9603
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v109	0.9573
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v109	0.9603
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v109	0.9597
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v109	0.96
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v109	0.9603
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v109	0.9581
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v109	0.9581
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v109	0.9664
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v109	0.9664
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v109	0.9557
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Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v109	0.9794
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v109	0.9535
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v109	0.9603
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v109	0.9557
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v109	0.9557
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v109	0.9557
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v109	0.9603
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v109	0.9603
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Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v109	0.9035
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v109	0.9111
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v109	0.9541
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Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v109	0.936
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v109	0.9285
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v109	0.9254
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v109	0.95
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v109	0.9107
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v109	0.9612
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v109	0.9014
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v109	0.9456
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v109	0.9537
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v109	0.9522
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Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v109	0.9811
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v109	0.9347
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v109	0.9299
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Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v109	0.9282
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Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v109	0.9289
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v109	0.9473
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Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v109	0.9754
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v109	0.975
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v109	0.9186
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Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v109	0.9499
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v109	0.9504

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Listeria_monocytogenes_1639_v141	Listeria_monocytogenes_1639_v109	0.9432
Listeria_monocytogenes_1639_v140	Listeria_monocytogenes_1639_v109	0.9364
Listeria_monocytogenes_1639_v13	Listeria_monocytogenes_1639_v109	0.9243
Listeria_monocytogenes_1639_v139	Listeria_monocytogenes_1639_v109	0.9342
Listeria_monocytogenes_1639_v138	Listeria_monocytogenes_1639_v109	0.9387
Listeria_monocytogenes_1639_v137	Listeria_monocytogenes_1639_v109	0.9383
Listeria_monocytogenes_1639_v136	Listeria_monocytogenes_1639_v109	0.9589
Listeria_monocytogenes_1639_v135	Listeria_monocytogenes_1639_v109	0.9084
Listeria_monocytogenes_1639_v134	Listeria_monocytogenes_1639_v109	0.9231
Listeria_monocytogenes_1639_v133	Listeria_monocytogenes_1639_v109	0.9603
Listeria_monocytogenes_1639_v132	Listeria_monocytogenes_1639_v109	0.9085
Listeria_monocytogenes_1639_v131	Listeria_monocytogenes_1639_v109	0.9289
Listeria_monocytogenes_1639_v130	Listeria_monocytogenes_1639_v109	0.9492
Listeria_monocytogenes_1639_v12	Listeria_monocytogenes_1639_v109	0.9416
Listeria_monocytogenes_1639_v129	Listeria_monocytogenes_1639_v109	0.9391
Listeria_monocytogenes_1639_v128	Listeria_monocytogenes_1639_v109	0.9396
Listeria_monocytogenes_1639_v127	Listeria_monocytogenes_1639_v109	0.9529
Listeria_monocytogenes_1639_v126	Listeria_monocytogenes_1639_v109	0.9404
Listeria_monocytogenes_1639_v125	Listeria_monocytogenes_1639_v109	0.9573
Listeria_monocytogenes_1639_v124	Listeria_monocytogenes_1639_v109	0.9206
Listeria_monocytogenes_1639_v123	Listeria_monocytogenes_1639_v109	0.9347
Listeria_monocytogenes_1639_v122	Listeria_monocytogenes_1639_v109	0.9343
Listeria_monocytogenes_1639_v121	Listeria_monocytogenes_1639_v109	0.9343
Listeria_monocytogenes_1639_v120	Listeria_monocytogenes_1639_v109	0.9343
Listeria_monocytogenes_1639_v11	Listeria_monocytogenes_1639_v109	0.9481
Listeria_monocytogenes_1639_v119	Listeria_monocytogenes_1639_v109	0.9343
Listeria_monocytogenes_1639_v118	Listeria_monocytogenes_1639_v109	0.9343
Listeria_monocytogenes_1639_v117	Listeria_monocytogenes_1639_v109	0.96
Listeria_monocytogenes_1639_v116	Listeria_monocytogenes_1639_v109	0.9237
Listeria_monocytogenes_1639_v115	Listeria_monocytogenes_1639_v109	0.9233
Listeria_monocytogenes_1639_v114	Listeria_monocytogenes_1639_v109	0.9835
Listeria_monocytogenes_1639_v113	Listeria_monocytogenes_1639_v109	0.9474
Listeria_monocytogenes_1639_v112	Listeria_monocytogenes_1639_v109	0.9319
Listeria_monocytogenes_1639_v111	Listeria_monocytogenes_1639_v109	0.935
Listeria_monocytogenes_1639_v110	Listeria_monocytogenes_1639_v109	0.9764
Listeria_monocytogenes_1639_v10	Listeria_monocytogenes_1639_v109	0.9274
Listeria_monocytogenes_1639_v109	Listeria_monocytogenes_1639_v109	0.0694
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v10	0.8534
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v10	0.8531
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v10	0.8589
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v10	0.8024
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v10	0.8185
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v10	0.8599
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v10	0.8705
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v10	0.9214
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v10	0.9236
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v10	0.9158
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v10	0.9232
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v10	0.9301
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v10	0.9397
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v10	0.9263
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v10	0.9221
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v10	0.9105
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v10	0.9199
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v10	0.9275
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v10	0.9047
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v10	0.9275
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v10	0.9293
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v10	0.9163
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v10	0.9173
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v10	0.9177
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v10	0.9173
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v10	0.9253
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v10	0.9253
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v10	0.9188
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v10	0.9188
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v10	0.9188
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v10	0.9295
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v10	0.9299
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v10	0.9299
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v10	0.9509
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v10	0.9509
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v10	0.9182
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v10	0.9182
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v10	0.9217
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v10	0.9205
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v10	0.922
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v10	0.9255
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v10	0.9259
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v10	0.922
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v10	0.9227
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v10	0.9227
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v10	0.9197
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v10	0.9197
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v10	0.9188
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v10	0.9224
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v10	0.9219
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v10	0.9219
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v10	0.9157
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v10	0.922
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v10	0.9188

Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v10	0.9188
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v10	0.9188
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v10	0.922
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v10	0.922
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v10	0.9203
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v10	0.8703
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v10	0.895
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v10	0.9209
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v10	0.8953
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v10	0.9297
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v10	0.9213
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v10	0.9194
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v10	0.9158
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v10	0.895
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v10	0.9263
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v10	0.8799
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v10	0.9409
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v10	0.9204
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v10	0.9168
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v10	0.9168
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v10	0.9239
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v10	0.9299
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v10	0.9237
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v10	0.9233
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v10	0.9108
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v10	0.9491
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v10	0.9224
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v10	0.9172
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v10	0.9255
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v10	0.9214
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v10	0.9214
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v10	0.9217
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v10	0.9136
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v10	0.9225
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v10	0.9241
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v10	0.9172
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v10	0.9237
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v10	0.927
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v10	0.925
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v10	0.9183
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v10	0.9176
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v10	0.9171
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v10	0.9255
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v10	0.9187
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v10	0.9184
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v10	0.9257
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v10	0.9571
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v10	0.9237
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v10	0.9244
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v10	0.9254
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v10	0.9122
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v10	0.9219
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v10	0.8953
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v10	0.9019
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v10	0.9169
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v10	0.9168
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v10	0.9139
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v10	0.9265
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v10	0.9233
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v10	0.9173
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v10	0.9088
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v10	0.94
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v10	0.9227
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v10	0.9192
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v10	0.9174
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v10	0.9563
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v10	0.9227
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v10	0.9236
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v10	0.918
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v10	0.9415
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v10	0.9245
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v10	0.923
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v10	0.9398
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v10	0.923
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v10	0.9173
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v10	0.8986
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v10	0.9062
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v10	0.9248
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v10	0.9129
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v10	0.9217
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v10	0.9549
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v10	0.9196
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v10	0.926
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v10	0.9206
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v10	0.9155
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v10	0.9131
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v10	0.922
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v10	0.922
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v10	0.9037
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v10	0.8976
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v10	0.9209

[illegible]

Listeria_monocytogenes_1639_v137	Listeria_monocytogenes_1639_v10	0.9312
Listeria_monocytogenes_1639_v136	Listeria_monocytogenes_1639_v10	0.9274
Listeria_monocytogenes_1639_v135	Listeria_monocytogenes_1639_v10	0.8899
Listeria_monocytogenes_1639_v134	Listeria_monocytogenes_1639_v10	0.9226
Listeria_monocytogenes_1639_v133	Listeria_monocytogenes_1639_v10	0.9234
Listeria_monocytogenes_1639_v132	Listeria_monocytogenes_1639_v10	0.889
Listeria_monocytogenes_1639_v131	Listeria_monocytogenes_1639_v10	0.9239
Listeria_monocytogenes_1639_v130	Listeria_monocytogenes_1639_v10	0.9193
Listeria_monocytogenes_1639_v12	Listeria_monocytogenes_1639_v10	0.9243
Listeria_monocytogenes_1639_v129	Listeria_monocytogenes_1639_v10	0.9494
Listeria_monocytogenes_1639_v128	Listeria_monocytogenes_1639_v10	0.9332
Listeria_monocytogenes_1639_v127	Listeria_monocytogenes_1639_v10	0.9161
Listeria_monocytogenes_1639_v126	Listeria_monocytogenes_1639_v10	0.9314
Listeria_monocytogenes_1639_v125	Listeria_monocytogenes_1639_v10	0.915
Listeria_monocytogenes_1639_v124	Listeria_monocytogenes_1639_v10	0.9014
Listeria_monocytogenes_1639_v123	Listeria_monocytogenes_1639_v10	0.9299
Listeria_monocytogenes_1639_v122	Listeria_monocytogenes_1639_v10	0.9299
Listeria_monocytogenes_1639_v121	Listeria_monocytogenes_1639_v10	0.9299
Listeria_monocytogenes_1639_v120	Listeria_monocytogenes_1639_v10	0.9299
Listeria_monocytogenes_1639_v11	Listeria_monocytogenes_1639_v10	0.9077
Listeria_monocytogenes_1639_v119	Listeria_monocytogenes_1639_v10	0.9299
Listeria_monocytogenes_1639_v118	Listeria_monocytogenes_1639_v10	0.9299
Listeria_monocytogenes_1639_v117	Listeria_monocytogenes_1639_v10	0.9256
Listeria_monocytogenes_1639_v116	Listeria_monocytogenes_1639_v10	0.9221
Listeria_monocytogenes_1639_v115	Listeria_monocytogenes_1639_v10	0.9221
Listeria_monocytogenes_1639_v114	Listeria_monocytogenes_1639_v10	0.9252
Listeria_monocytogenes_1639_v113	Listeria_monocytogenes_1639_v10	0.9597
Listeria_monocytogenes_1639_v112	Listeria_monocytogenes_1639_v10	0.9297
Listeria_monocytogenes_1639_v111	Listeria_monocytogenes_1639_v10	0.9221
Listeria_monocytogenes_1639_v110	Listeria_monocytogenes_1639_v10	0.9205
Listeria_monocytogenes_1639_v10	Listeria_monocytogenes_1639_v10	0.0714
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v110	0.8705
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v110	0.8699
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v110	0.878
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v110	0.8153
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v110	0.828
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v110	0.8757
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v110	0.8774
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v110	0.9223
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v110	0.9801
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v110	0.9617
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v110	0.98
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v110	0.9277
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v110	0.9398
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v110	0.9541
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v110	0.9237
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v110	0.9358
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v110	0.947
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v110	0.9296
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v110	0.9825
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v110	0.9296
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v110	0.9364
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v110	0.9256
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v110	0.9267
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v110	0.9274
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v110	0.9267
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v110	0.9347
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v110	0.9347
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v110	0.927
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v110	0.927
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v110	0.927
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v110	0.9507
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v110	0.9518
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v110	0.9518
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v110	0.9435
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v110	0.9435
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v110	0.9447
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v110	0.9447
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v110	0.9496
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v110	0.9492
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v110	0.9503
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v110	0.9604
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v110	0.9604
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v110	0.9503
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v110	0.9503
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v110	0.9503
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v110	0.966
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v110	0.966
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v110	0.9461
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v110	0.9503
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v110	0.9831
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v110	0.9831
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v110	0.9494
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v110	0.9503
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v110	0.9461
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v110	0.9461
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v110	0.9461
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v110	0.9503
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v110	0.9499
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v110	0.9455
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v110	0.9083

Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v110	0.9141
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v110	0.9594
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v110	0.9148
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v110	0.9364
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v110	0.9221
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v110	0.928
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v110	0.9512
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v110	0.9144
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v110	0.9493
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v110	0.901
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v110	0.943
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v110	0.9534
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v110	0.9582
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v110	0.9586
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v110	0.9807
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v110	0.9347
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v110	0.9303
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v110	0.9303
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v110	0.9463
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v110	0.9296
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v110	0.9248
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v110	0.9504
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v110	0.9279
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v110	0.9215
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v110	0.9215
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v110	0.9218
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v110	0.9436
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v110	0.9252
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v110	0.9291
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v110	0.9504
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v110	0.9362
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v110	0.9389
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v110	0.9671
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v110	0.9806
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v110	0.9799
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v110	0.9253
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v110	0.961
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v110	0.9315
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v110	0.9311
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v110	0.9502
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v110	0.9467
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v110	0.9362
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v110	0.9511
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v110	0.9499
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v110	0.944
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v110	0.9484
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v110	0.9148
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v110	0.9638
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v110	0.9522
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v110	0.9295
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v110	0.9404
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v110	0.9479
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v110	0.9356
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v110	0.927
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v110	0.9487
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v110	0.9431
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v110	0.9567
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v110	0.9568
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v110	0.9495
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v110	0.9345
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v110	0.9471
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v110	0.952
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v110	0.9461
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v110	0.9015
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v110	0.9284
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v110	0.9307
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v110	0.9199
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v110	0.9258
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v110	0.9236
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v110	0.9197
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v110	0.9386
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v110	0.9354
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v110	0.9292
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v110	0.9492
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v110	0.9143
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v110	0.9178
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v110	0.9473
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v110	0.9511
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v110	0.9427
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v110	0.9409
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v110	0.9503
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v110	0.9503
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v110	0.9347
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v110	0.9369
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v110	0.9482
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v110	0.9146
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v110	0.9382
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v110	0.9483
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v110	0.9412
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v110	0.9468
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v110	0.9511

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Listeria_monocytogenes_1639_v131	Listeria_monocytogenes_1639_v110	0.9357
Listeria_monocytogenes_1639_v130	Listeria_monocytogenes_1639_v110	0.9511
Listeria_monocytogenes_1639_v12	Listeria_monocytogenes_1639_v110	0.9321
Listeria_monocytogenes_1639_v129	Listeria_monocytogenes_1639_v110	0.9395
Listeria_monocytogenes_1639_v128	Listeria_monocytogenes_1639_v110	0.9393
Listeria_monocytogenes_1639_v127	Listeria_monocytogenes_1639_v110	0.9582
Listeria_monocytogenes_1639_v126	Listeria_monocytogenes_1639_v110	0.94
Listeria_monocytogenes_1639_v125	Listeria_monocytogenes_1639_v110	0.9508
Listeria_monocytogenes_1639_v124	Listeria_monocytogenes_1639_v110	0.9206
Listeria_monocytogenes_1639_v123	Listeria_monocytogenes_1639_v110	0.9347
Listeria_monocytogenes_1639_v122	Listeria_monocytogenes_1639_v110	0.9347
Listeria_monocytogenes_1639_v121	Listeria_monocytogenes_1639_v110	0.9347
Listeria_monocytogenes_1639_v120	Listeria_monocytogenes_1639_v110	0.9343
Listeria_monocytogenes_1639_v11	Listeria_monocytogenes_1639_v110	0.9437
Listeria_monocytogenes_1639_v119	Listeria_monocytogenes_1639_v110	0.9347
Listeria_monocytogenes_1639_v118	Listeria_monocytogenes_1639_v110	0.9347
Listeria_monocytogenes_1639_v117	Listeria_monocytogenes_1639_v110	0.9567
Listeria_monocytogenes_1639_v116	Listeria_monocytogenes_1639_v110	0.9237
Listeria_monocytogenes_1639_v115	Listeria_monocytogenes_1639_v110	0.9233
Listeria_monocytogenes_1639_v114	Listeria_monocytogenes_1639_v110	0.9797
Listeria_monocytogenes_1639_v113	Listeria_monocytogenes_1639_v110	0.9474
Listeria_monocytogenes_1639_v112	Listeria_monocytogenes_1639_v110	0.927
Listeria_monocytogenes_1639_v111	Listeria_monocytogenes_1639_v110	0.9353
Listeria_monocytogenes_1639_v110	Listeria_monocytogenes_1639_v110	0.0686
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v111	0.8725
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v111	0.8718
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v111	0.8885
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v111	0.8215
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v111	0.8343
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v111	0.8911
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v111	0.8819
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v111	0.9474
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v111	0.9363
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v111	0.9391
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v111	0.9402
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v111	0.9797
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v111	0.9483
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v111	0.9289
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v111	0.9488
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v111	0.9325
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v111	0.9369
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v111	0.955
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v111	0.9186
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v111	0.955
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v111	0.9572
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v111	0.9389
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v111	0.94
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v111	0.9411
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v111	0.9404
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v111	0.9547
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v111	0.9547
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v111	0.9404
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v111	0.9404
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v111	0.9404
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v111	0.9289
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v111	0.9304
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v111	0.9304
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v111	0.9463
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v111	0.9463
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v111	0.9265
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v111	0.9265
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v111	0.923
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v111	0.9226
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v111	0.9234
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v111	0.9361
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v111	0.9361
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v111	0.9234
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v111	0.9234
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v111	0.9234
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v111	0.9448
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v111	0.9448
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v111	0.9271
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v111	0.9234
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v111	0.9335
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v111	0.9335
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v111	0.9313
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v111	0.9234
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v111	0.9271
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v111	0.9271
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v111	0.9271
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v111	0.9234
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v111	0.923
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v111	0.929
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v111	0.8923
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v111	0.8979
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v111	0.9275
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v111	0.8986
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v111	0.9576
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v111	0.9354
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v111	0.9297
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v111	0.935

Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v111	0.8983
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v111	0.9282
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v111	0.9061
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v111	0.955
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v111	0.9483
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v111	0.937
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v111	0.9373
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v111	0.9409
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v111	0.9559
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v111	0.9472
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v111	0.9472
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v111	0.9266
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v111	0.9298
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v111	0.9459
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v111	0.9375
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v111	0.9462
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v111	0.9451
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v111	0.9452
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v111	0.9455
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v111	0.9349
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v111	0.9462
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v111	0.9387
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v111	0.9375
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v111	0.9206
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v111	0.9482
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v111	0.9287
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v111	0.9282
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v111	0.9279
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v111	0.9379
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v111	0.933
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v111	0.9369
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v111	0.9366
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v111	0.9324
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v111	0.9421
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v111	0.9206
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v111	0.9307
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v111	0.9321
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v111	0.93
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v111	0.93
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v111	0.8986
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v111	0.929
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v111	0.9327
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v111	0.9357
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v111	0.9236
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v111	0.9299
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v111	0.92
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v111	0.9404
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v111	0.9377
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v111	0.9501
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v111	0.9384
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v111	0.9344
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v111	0.9367
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v111	0.9474
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v111	0.9372
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v111	0.9254
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v111	0.9369
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v111	0.9257
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v111	0.9391
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v111	0.9403
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v111	0.9335
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v111	0.9384
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v111	0.9385
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v111	0.9206
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v111	0.929
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v111	0.9356
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v111	0.9406
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v111	0.9223
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v111	0.9388
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v111	0.9397
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v111	0.9342
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v111	0.9227
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v111	0.9381
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v111	0.9216
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v111	0.9234
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v111	0.9

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Listeria_monocytogenes_1639_v125	Listeria_monocytogenes_1639_v111	0.9389
Listeria_monocytogenes_1639_v124	Listeria_monocytogenes_1639_v111	0.9299
Listeria_monocytogenes_1639_v123	Listeria_monocytogenes_1639_v111	0.9559
Listeria_monocytogenes_1639_v122	Listeria_monocytogenes_1639_v111	0.9562
Listeria_monocytogenes_1639_v121	Listeria_monocytogenes_1639_v111	0.9562
Listeria_monocytogenes_1639_v120	Listeria_monocytogenes_1639_v111	0.9559
Listeria_monocytogenes_1639_v11	Listeria_monocytogenes_1639_v111	0.9325
Listeria_monocytogenes_1639_v119	Listeria_monocytogenes_1639_v111	0.9562
Listeria_monocytogenes_1639_v118	Listeria_monocytogenes_1639_v111	0.9562
Listeria_monocytogenes_1639_v117	Listeria_monocytogenes_1639_v111	0.9392
Listeria_monocytogenes_1639_v116	Listeria_monocytogenes_1639_v111	0.9485
Listeria_monocytogenes_1639_v115	Listeria_monocytogenes_1639_v111	0.9485
Listeria_monocytogenes_1639_v114	Listeria_monocytogenes_1639_v111	0.9342
Listeria_monocytogenes_1639_v113	Listeria_monocytogenes_1639_v111	0.953
Listeria_monocytogenes_1639_v112	Listeria_monocytogenes_1639_v111	0.9449
Listeria_monocytogenes_1639_v111	Listeria_monocytogenes_1639_v111	0.0682
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v112	0.8804
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v112	0.8801
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v112	0.8802
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v112	0.8339
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v112	0.838
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v112	0.8905
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v112	0.8849
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v112	0.9788
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v112	0.9264
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v112	0.9357
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v112	0.9307
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v112	0.9402
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v112	0.946
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v112	0.9318
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v112	0.9795
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v112	0.9359
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v112	0.9249
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v112	0.9859
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v112	0.9098
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v112	0.9859
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v112	0.9671
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v112	0.9786
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v112	0.9797
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v112	0.9805
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v112	0.9801
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v112	0.968
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v112	0.968
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v112	0.976
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v112	0.976
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v112	0.976
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v112	0.9318
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v112	0.9329
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v112	0.9329
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v112	0.9433
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v112	0.9433
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v112	0.9197
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v112	0.9197
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v112	0.9245
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v112	0.9244
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v112	0.9245
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v112	0.9327
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v112	0.933
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v112	0.9245
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v112	0.9255
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v112	0.9255
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v112	0.9383
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v112	0.9383
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v112	0.9207
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v112	0.9248
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v112	0.9282
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v112	0.9282
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v112	0.9331
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v112	0.9245
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v112	0.9207
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v112	0.9207
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v112	0.9207
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v112	0.9245
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v112	0.9245
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v112	0.9238
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v112	0.8911
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v112	0.9101
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v112	0.927
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v112	0.9104
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v112	0.9675
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v112	0.9581
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v112	0.9527
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v112	0.933
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v112	0.9097
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v112	0.9308
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v112	0.9151
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v112	0.9488
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v112	0.9382
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v112	0.9361
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v112	0.9361
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v112	0.9314

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Listeria_monocytogenes_1639_v118	Listeria_monocytogenes_1639_v112	0.9669
Listeria_monocytogenes_1639_v117	Listeria_monocytogenes_1639_v112	0.9323
Listeria_monocytogenes_1639_v116	Listeria_monocytogenes_1639_v112	0.9792
Listeria_monocytogenes_1639_v115	Listeria_monocytogenes_1639_v112	0.9795
Listeria_monocytogenes_1639_v114	Listeria_monocytogenes_1639_v112	0.9292
Listeria_monocytogenes_1639_v113	Listeria_monocytogenes_1639_v112	0.9526
Listeria_monocytogenes_1639_v112	Listeria_monocytogenes_1639_v112	0.0653
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v113	0.8813
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v113	0.8806
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v113	0.8882
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v113	0.8243
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v113	0.8356
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v113	0.8912
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v113	0.8831
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v113	0.9532
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v113	0.9518
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v113	0.9445
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v113	0.9543
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v113	0.9471
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v113	0.9708
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v113	0.9488
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v113	0.9546
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v113	0.943
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v113	0.9414
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v113	0.9609
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v113	0.932
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v113	0.9609
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v113	0.9627
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v113	0.9442
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v113	0.9453
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v113	0.9464
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v113	0.9457
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v113	0.9578
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v113	0.9578
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v113	0.9468
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v113	0.9468
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v113	0.9468
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v113	0.9488
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v113	0.9499
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v113	0.9499
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v113	0.9771
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v113	0.9771
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v113	0.9357
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v113	0.9357
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v113	0.9409
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v113	0.939
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v113	0.9413
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v113	0.9593
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v113	0.9593
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v113	0.9413
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v113	0.9416
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v113	0.9416
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v113	0.9518
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v113	0.9518
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v113	0.9367
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v113	0.9413
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v113	0.9501
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v113	0.9501
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v113	0.9369
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v113	0.9413
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v113	0.9367
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v113	0.9367
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v113	0.9367
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v113	0.9413
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v113	0.9409
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v113	0.9395
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v113	0.899
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v113	0.9164
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v113	0.9474
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v113	0.917
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v113	0.9631
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v113	0.9429
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v113	0.945
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v113	0.9368
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v113	0.9163
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v113	0.9481
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v113	0.9112
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v113	0.9714
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v113	0.9522
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v113	0.9464
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v113	0.9468
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v113	0.955
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v113	0.9625
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v113	0.9557
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v113	0.9556
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v113	0.9318
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v113	0.9445
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v113	0.9444
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v113	0.9349
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v113	0.9489
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v113	0.9429

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Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v114	0.8195
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v114	0.8347
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v114	0.8752
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v114	0.8716
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v114	0.9226
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v114	0.9823
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v114	0.9575
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v114	0.9785
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v114	0.9273
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v114	0.939
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v114	0.9626
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v114	0.924
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v114	0.9361
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v114	0.9548
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v114	0.9296
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v114	0.9638
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v114	0.9296
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v114	0.9364
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v114	0.9188
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v114	0.9199
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v114	0.9206
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v114	0.9199
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v114	0.9346
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v114	0.9346
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v114	0.921
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v114	0.921
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v114	0.921
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v114	0.9593
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v114	0.9608
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v114	0.9608
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v114	0.9375
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v114	0.9375
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v114	0.9491
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v114	0.9491
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v114	0.9551
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v114	0.9573
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v114	0.9555
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v114	0.9589
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v114	0.9589
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v114	0.9555
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v114	0.9551
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v114	0.9551
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v114	0.9667
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v114	0.9667
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v114	0.9505
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v114	0.9551
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v114	0.9775
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v114	0.9775
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v114	0.9528
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v114	0.9555
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v114	0.9505
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v114	0.9505
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v114	0.9505
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v114	0.9555
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v114	0.9551
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v114	0.9533
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v114	0.9038
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v114	0.9081
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v114	0.9593
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v114	0.9088
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v114	0.9364
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v114	0.928
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v114	0.9228
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v114	0.9515
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v114	0.9081
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v114	0.9556
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v114	0.9017
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v114	0.9441
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v114	0.9545
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v114	0.9514
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v114	0.9514
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v114	0.9792
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v114	0.9347
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v114	0.9306
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v114	0.9306
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v114	0.9474
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v114	0.9288
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v114	0.9281
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v114	0.9522
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v114	0.9331
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v114	0.9277
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v114	0.9278
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v114	0.9281
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v114	0.9439
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v114	0.9285
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v114	0.925
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v114	0.9522
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v114	0.9446
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v114	0.9317
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v114	0.9708
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v114	0.975

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Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v115	0.9989
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v115	0.9403
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v115	0.9194
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v115	0.9923
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v115	0.9059
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v115	0.9923
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v115	0.9724
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v115	0.9861
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v115	0.9872
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v115	0.9864
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v115	0.9876
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v115	0.9728
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v115	0.9728
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v115	0.9861
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v115	0.9861
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v115	0.9861
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v115	0.9259
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v115	0.9266
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v115	0.9266
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v115	0.9382
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v115	0.9382
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v115	0.912
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v115	0.912
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v115	0.9174
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v115	0.9163
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v115	0.9174
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v115	0.9354
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v115	0.9358
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v115	0.9174
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v115	0.9181
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v115	0.9181
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v115	0.943
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v115	0.943
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v115	0.9134
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v115	0.9178
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v115	0.923
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v115	0.923
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v115	0.9267
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v115	0.9174
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v115	0.9134
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v115	0.9134
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v115	0.9134
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v115	0.9174
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v115	0.9174
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v115	0.9167
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v115	0.8921
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v115	0.9052
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v115	0.9252
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v115	0.9056
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v115	0.9728
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v115	0.9493
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v115	0.9615
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v115	0.9234
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v115	0.9049
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v115	0.9252
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v115	0.9196
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v115	0.9536
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v115	0.9426
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v115	0.9351
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v115	0.9355
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v115	0.9307
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v115	0.9728
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v115	0.982
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v115	0.9817
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v115	0.9085
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v115	0.9243
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v115	0.9501
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v115	0.9199
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v115	0.9644
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v115	0.9494
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v115	0.9494
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v115	0.9497
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v115	0.923
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v115	0.9497
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v115	0.9722
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v115	0.9199
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v115	0.9077
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v115	0.9601
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v115	0.9238
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v115	0.9189
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v115	0.9185
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v115	0.9853
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v115	0.927
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v115	0.9706
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v115	0.9698
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v115	0.923
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v115	0.9444
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v115	0.9077
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v115	0.9213
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v115	0.9224
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v115	0.93

[illegible]

Listeria_monocytogenes_1639_v173	Listeria_monocytogenes_1639_v115	0.9669
Listeria_monocytogenes_1639_v172	Listeria_monocytogenes_1639_v115	0.941
Listeria_monocytogenes_1639_v171	Listeria_monocytogenes_1639_v115	0.9279
Listeria_monocytogenes_1639_v170	Listeria_monocytogenes_1639_v115	0.9357
Listeria_monocytogenes_1639_v16	Listeria_monocytogenes_1639_v115	0.9043
Listeria_monocytogenes_1639_v169	Listeria_monocytogenes_1639_v115	0.9376
Listeria_monocytogenes_1639_v168	Listeria_monocytogenes_1639_v115	0.9385
Listeria_monocytogenes_1639_v167	Listeria_monocytogenes_1639_v115	0.9307
Listeria_monocytogenes_1639_v166	Listeria_monocytogenes_1639_v115	0.9388
Listeria_monocytogenes_1639_v165	Listeria_monocytogenes_1639_v115	0.9373
Listeria_monocytogenes_1639_v164	Listeria_monocytogenes_1639_v115	0.9919
Listeria_monocytogenes_1639_v163	Listeria_monocytogenes_1639_v115	0.9582
Listeria_monocytogenes_1639_v162	Listeria_monocytogenes_1639_v115	0.9919
Listeria_monocytogenes_1639_v161	Listeria_monocytogenes_1639_v115	0.9919
Listeria_monocytogenes_1639_v160	Listeria_monocytogenes_1639_v115	0.9916
Listeria_monocytogenes_1639_v15	Listeria_monocytogenes_1639_v115	0.9245
Listeria_monocytogenes_1639_v159	Listeria_monocytogenes_1639_v115	0.9694
Listeria_monocytogenes_1639_v158	Listeria_monocytogenes_1639_v115	0.9923
Listeria_monocytogenes_1639_v157	Listeria_monocytogenes_1639_v115	0.9923
Listeria_monocytogenes_1639_v156	Listeria_monocytogenes_1639_v115	0.9194
Listeria_monocytogenes_1639_v155	Listeria_monocytogenes_1639_v115	0.9317
Listeria_monocytogenes_1639_v154	Listeria_monocytogenes_1639_v115	0.9356
Listeria_monocytogenes_1639_v153	Listeria_monocytogenes_1639_v115	0.9324
Listeria_monocytogenes_1639_v152	Listeria_monocytogenes_1639_v115	0.9694
Listeria_monocytogenes_1639_v151	Listeria_monocytogenes_1639_v115	0.9694
Listeria_monocytogenes_1639_v150	Listeria_monocytogenes_1639_v115	0.9321
Listeria_monocytogenes_1639_v14	Listeria_monocytogenes_1639_v115	0.931
Listeria_monocytogenes_1639_v149	Listeria_monocytogenes_1639_v115	0.9311
Listeria_monocytogenes_1639_v148	Listeria_monocytogenes_1639_v115	0.9683
Listeria_monocytogenes_1639_v147	Listeria_monocytogenes_1639_v115	0.9548
Listeria_monocytogenes_1639_v146	Listeria_monocytogenes_1639_v115	0.9466
Listeria_monocytogenes_1639_v145	Listeria_monocytogenes_1639_v115	0.9432
Listeria_monocytogenes_1639_v144	Listeria_monocytogenes_1639_v115	0.972
Listeria_monocytogenes_1639_v143	Listeria_monocytogenes_1639_v115	0.9482
Listeria_monocytogenes_1639_v142	Listeria_monocytogenes_1639_v115	0.9724
Listeria_monocytogenes_1639_v141	Listeria_monocytogenes_1639_v115	0.9647
Listeria_monocytogenes_1639_v140	Listeria_monocytogenes_1639_v115	0.9731
Listeria_monocytogenes_1639_v13	Listeria_monocytogenes_1639_v115	0.9241
Listeria_monocytogenes_1639_v139	Listeria_monocytogenes_1639_v115	0.9674
Listeria_monocytogenes_1639_v138	Listeria_monocytogenes_1639_v115	0.9755
Listeria_monocytogenes_1639_v137	Listeria_monocytogenes_1639_v115	0.9755
Listeria_monocytogenes_1639_v136	Listeria_monocytogenes_1639_v115	0.9351
Listeria_monocytogenes_1639_v135	Listeria_monocytogenes_1639_v115	0.9194
Listeria_monocytogenes_1639_v134	Listeria_monocytogenes_1639_v115	0.9962
Listeria_monocytogenes_1639_v133	Listeria_monocytogenes_1639_v115	0.934
Listeria_monocytogenes_1639_v132	Listeria_monocytogenes_1639_v115	0.9176
Listeria_monocytogenes_1639_v131	Listeria_monocytogenes_1639_v115	0.9572
Listeria_monocytogenes_1639_v130	Listeria_monocytogenes_1639_v115	0.9267
Listeria_monocytogenes_1639_v12	Listeria_monocytogenes_1639_v115	0.9066
Listeria_monocytogenes_1639_v129	Listeria_monocytogenes_1639_v115	0.9639
Listeria_monocytogenes_1639_v128	Listeria_monocytogenes_1639_v115	0.9625
Listeria_monocytogenes_1639_v127	Listeria_monocytogenes_1639_v115	0.9317
Listeria_monocytogenes_1639_v126	Listeria_monocytogenes_1639_v115	0.9606
Listeria_monocytogenes_1639_v125	Listeria_monocytogenes_1639_v115	0.9303
Listeria_monocytogenes_1639_v124	Listeria_monocytogenes_1639_v115	0.9444
Listeria_monocytogenes_1639_v123	Listeria_monocytogenes_1639_v115	0.9728
Listeria_monocytogenes_1639_v122	Listeria_monocytogenes_1639_v115	0.9728
Listeria_monocytogenes_1639_v121	Listeria_monocytogenes_1639_v115	0.9728
Listeria_monocytogenes_1639_v120	Listeria_monocytogenes_1639_v115	0.9728
Listeria_monocytogenes_1639_v11	Listeria_monocytogenes_1639_v115	0.9053
Listeria_monocytogenes_1639_v119	Listeria_monocytogenes_1639_v115	0.9728
Listeria_monocytogenes_1639_v118	Listeria_monocytogenes_1639_v115	0.9728
Listeria_monocytogenes_1639_v117	Listeria_monocytogenes_1639_v115	0.9354
Listeria_monocytogenes_1639_v116	Listeria_monocytogenes_1639_v115	0.9977
Listeria_monocytogenes_1639_v115	Listeria_monocytogenes_1639_v115	0.0659
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v116	0.8876
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v116	0.8873
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v116	0.8829
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v116	0.8242
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v116	0.8282
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v116	0.894
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v116	0.881
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v116	0.9962
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v116	0.9258
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v116	0.9358
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v116	0.9304
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v116	0.9457
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v116	0.9496
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v116	0.9263
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v116	0.9985
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v116	0.9399
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v116	0.919
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v116	0.992
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v116	0.9063
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v116	0.992
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v116	0.972
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v116	0.9857
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v116	0.9868
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v116	0.9861
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v116	0.9872
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v116	0.9728

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Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v117	0.9478
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v117	0.9697
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v117	0.9697
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v117	0.9478
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v117	0.9482
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v117	0.9482
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v117	0.9627
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v117	0.9627
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v117	0.9429
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v117	0.9474
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v117	0.9589
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v117	0.9589
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v117	0.9435
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v117	0.9478
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v117	0.9429
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v117	0.9429
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v117	0.9429
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v117	0.9478
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v117	0.9474
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v117	0.9467
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v117	0.9085
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v117	0.9122
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v117	0.955
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v117	0.9128
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v117	0.941
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v117	0.9228
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v117	0.9284
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v117	0.9479
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v117	0.9121
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v117	0.9569
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v117	0.9013
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v117	0.9514
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v117	0.9612
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v117	0.9534
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v117	0.9534
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v117	0.9643
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v117	0.942
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v117	0.9371
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v117	0.9371
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v117	0.9486
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v117	0.9263
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v117	0.9244
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v117	0.9388
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v117	0.9309
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v117	0.9233
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v117	0.9233
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v117	0.9233
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v117	0.984
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v117	0.924
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v117	0.9325
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v117	0.9388
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v117	0.9352
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v117	0.9382
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v117	0.9549
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v117	0.9543
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v117	0.9539
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v117	0.9265
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v117	0.9547
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v117	0.9277
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v117	0.9274
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v117	0.9582
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v117	0.9483
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v117	0.9352
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v117	0.9557
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v117	0.959
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v117	0.9498
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v117	0.953
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v117	0.9128
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v117	0.9393
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v117	0.9515
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v117	0.9269
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v117	0.9479
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v117	0.9544
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v117	0.9345
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v117	0.9282
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v117	0.9503
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v117	0.9428
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v117	0.9667
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v117	0.9495
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v117	0.9575
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v117	0.9435
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v117	0.9543
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v117	0.9506
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v117	0.9503
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v117	0.8982
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v117	0.9367
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v117	0.9292
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v117	0.921
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v117	0.9288
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v117	0.9165
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v117	0.9177

[illegible]

Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v118	0.9219
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v118	0.9219
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v118	0.9219
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v118	0.9264
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v118	0.9261
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v118	0.9257
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v118	0.8972
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v118	0.9093
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v118	0.9325
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v118	0.91
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v118	0.9811
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v118	0.9619
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v118	0.9523
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v118	0.9317
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v118	0.9093
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v118	0.9324
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v118	0.9212
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v118	0.9614
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v118	0.9536
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v118	0.9421
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v118	0.9424
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v118	0.9419
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v118	0.9996
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v118	0.9728
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v118	0.9727
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v118	0.9155
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v118	0.9317
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v118	0.9634
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v118	0.9289
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v118	0.9688
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v118	0.9627
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v118	0.9627
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v118	0.9627
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v118	0.9294
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v118	0.9631
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v118	0.9585
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v118	0.9289
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v118	0.9154
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v118	0.9706
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v118	0.9341
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v118	0.9298
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v118	0.9291
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v118	0.9611
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v118	0.9369
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v118	0.9613
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v118	0.9606
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v118	0.934
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v118	0.9533
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v118	0.9154
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v118	0.9319
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v118	0.9333
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v118	0.9331
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v118	0.9259
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v118	0.91
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v118	0.9287
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v118	0.9276
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v118	0.9601
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v118	0.9172
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v118	0.9303
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v118	0.9148
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v118	0.9633
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v118	0.9359
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v118	0.9515
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v118	0.9375
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v118	0.9296
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v118	0.93
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v118	0.9472
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v118	0.9298
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v118	0.9292
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v118	0.9336
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v118	0.913
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v118	0.962
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v118	0.9655
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v118	0.9595
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v118	0.9617
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v118	0.9551
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v118	0.9286
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v118	0.9333
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v118	0.958
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v118	0.9559
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v118	0.9256
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v118	0.9257
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v118	0.961
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v118	0.9282
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v118	0.9261
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v118	0.9352
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v118	0.9168
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v118	0.9264
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v118	0.9264
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v118	0.9175
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v118	0.9074

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Listeria_monocytogenes_1639_v124	Listeria_monocytogenes_1639_v119	0.9403
Listeria_monocytogenes_1639_v123	Listeria_monocytogenes_1639_v119	0.9996
Listeria_monocytogenes_1639_v122	Listeria_monocytogenes_1639_v119	1
Listeria_monocytogenes_1639_v121	Listeria_monocytogenes_1639_v119	1
Listeria_monocytogenes_1639_v120	Listeria_monocytogenes_1639_v119	0.9996
Listeria_monocytogenes_1639_v11	Listeria_monocytogenes_1639_v119	0.9126
Listeria_monocytogenes_1639_v119	Listeria_monocytogenes_1639_v119	0.0677
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v11	0.8548
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v11	0.8542
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v11	0.8608
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v11	0.8033
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v11	0.8304
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v11	0.8602
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v11	0.8653
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v11	0.9043
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v11	0.9388
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v11	0.9397
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v11	0.9389
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v11	0.916
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v11	0.9233
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v11	0.9417
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v11	0.9056
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v11	0.9108
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v11	0.9436
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v11	0.911
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v11	0.9272
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v11	0.911
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v11	0.912
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v11	0.9103
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v11	0.9113
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v11	0.9113
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v11	0.9113
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v11	0.9103
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v11	0.9103
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v11	0.9113
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v11	0.9113
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v11	0.9113
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v11	0.9454
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v11	0.9461
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v11	0.9461
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v11	0.9351
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v11	0.9351
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v11	0.9425
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v11	0.9425
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v11	0.9389
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v11	0.9388
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v11	0.9396
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v11	0.9408
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v11	0.9408
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v11	0.9396
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v11	0.9388
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v11	0.9388
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v11	0.9367
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v11	0.9367
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v11	0.9424
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v11	0.9392
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v11	0.9477
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v11	0.9477
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v11	0.9342
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v11	0.9396
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v11	0.9424
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v11	0.9424
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v11	0.9424
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v11	0.9396
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v11	0.9392
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v11	0.9483
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v11	0.8955
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v11	0.9028
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v11	0.944
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v11	0.9035
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v11	0.912
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v11	0.9091
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v11	0.9146
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v11	0.9502
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v11	0.9028
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v11	0.9418
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v11	0.8825
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v11	0.9271
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v11	0.9344
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v11	0.9401
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v11	0.9401
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v11	0.9396
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v11	0.9127
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v11	0.9091
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v11	0.9091
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v11	0.9878
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v11	0.9234
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v11	0.9164
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v11	0.9461
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v11	0.918
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v11	0.9147

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Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v120	0.9407
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v120	0.9522
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v120	0.9513
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v120	0.9339
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v120	0.9728
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v120	0.9462
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v120	0.9265
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v120	0.9784
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v120	0.9171
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v120	0.9784
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v120	0.9803
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v120	0.9618
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v120	0.9629
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v120	0.9617
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v120	0.9629
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v120	0.9773
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v120	0.9773
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v120	0.9629
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v120	0.9629
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v120	0.9629
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v120	0.9331
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v120	0.9339
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v120	0.9339
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v120	0.9462
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v120	0.9462
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v120	0.9206
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v120	0.9206
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v120	0.9261
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v120	0.9249
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v120	0.9261
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v120	0.942
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v120	0.942
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v120	0.9261
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v120	0.9267
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v120	0.9267
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v120	0.9532
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v120	0.9532
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v120	0.9219
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v120	0.9264
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v120	0.934
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v120	0.934
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v120	0.9355
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v120	0.9261
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v120	0.9219
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v120	0.9219
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v120	0.9219
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v120	0.9261
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v120	0.9261
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v120	0.9257
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v120	0.8972
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v120	0.9093
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v120	0.9325
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v120	0.9096
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v120	0.9807
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v120	0.9619
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v120	0.9523
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v120	0.9313
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v120	0.9089
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v120	0.9324
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v120	0.9212
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v120	0.9614
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v120	0.9536
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v120	0.9421
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v120	0.9424
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v120	0.9415
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v120	0.9996
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v120	0.9728
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v120	0.9724
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v120	0.9152
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v120	0.9317
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v120	0.9631
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v120	0.9286
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v120	0.9688
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v120	0.9623
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v120	0.9623
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v120	0.9627
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v120	0.9294
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v120	0.9627
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v120	0.9581
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v120	0.9286
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v120	0.9151
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v120	0.9706
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v120	0.9337
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v120	0.9294
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v120	0.9291
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v120	0.9615
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v120	0.9366
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v120	0.9613
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v120	0.961
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v120	0.9337
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v120	0.9529

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Listeria_monocytogenes_1639_v177	Listeria_monocytogenes_1639_v120	0.9827
Listeria_monocytogenes_1639_v176	Listeria_monocytogenes_1639_v120	0.944
Listeria_monocytogenes_1639_v175	Listeria_monocytogenes_1639_v120	0.942
Listeria_monocytogenes_1639_v174	Listeria_monocytogenes_1639_v120	0.9536
Listeria_monocytogenes_1639_v173	Listeria_monocytogenes_1639_v120	0.971
Listeria_monocytogenes_1639_v172	Listeria_monocytogenes_1639_v120	0.9426
Listeria_monocytogenes_1639_v171	Listeria_monocytogenes_1639_v120	0.9386
Listeria_monocytogenes_1639_v170	Listeria_monocytogenes_1639_v120	0.9469
Listeria_monocytogenes_1639_v16	Listeria_monocytogenes_1639_v120	0.9124
Listeria_monocytogenes_1639_v169	Listeria_monocytogenes_1639_v120	0.9466
Listeria_monocytogenes_1639_v168	Listeria_monocytogenes_1639_v120	0.9471
Listeria_monocytogenes_1639_v167	Listeria_monocytogenes_1639_v120	0.9396
Listeria_monocytogenes_1639_v166	Listeria_monocytogenes_1639_v120	0.9474
Listeria_monocytogenes_1639_v165	Listeria_monocytogenes_1639_v120	0.9466
Listeria_monocytogenes_1639_v164	Listeria_monocytogenes_1639_v120	0.978
Listeria_monocytogenes_1639_v163	Listeria_monocytogenes_1639_v120	0.968
Listeria_monocytogenes_1639_v162	Listeria_monocytogenes_1639_v120	0.978
Listeria_monocytogenes_1639_v161	Listeria_monocytogenes_1639_v120	0.978
Listeria_monocytogenes_1639_v160	Listeria_monocytogenes_1639_v120	0.978
Listeria_monocytogenes_1639_v15	Listeria_monocytogenes_1639_v120	0.9323
Listeria_monocytogenes_1639_v159	Listeria_monocytogenes_1639_v120	0.9827
Listeria_monocytogenes_1639_v158	Listeria_monocytogenes_1639_v120	0.9788
Listeria_monocytogenes_1639_v157	Listeria_monocytogenes_1639_v120	0.9784
Listeria_monocytogenes_1639_v156	Listeria_monocytogenes_1639_v120	0.9308
Listeria_monocytogenes_1639_v155	Listeria_monocytogenes_1639_v120	0.941
Listeria_monocytogenes_1639_v154	Listeria_monocytogenes_1639_v120	0.9448
Listeria_monocytogenes_1639_v153	Listeria_monocytogenes_1639_v120	0.9417
Listeria_monocytogenes_1639_v152	Listeria_monocytogenes_1639_v120	0.9827
Listeria_monocytogenes_1639_v151	Listeria_monocytogenes_1639_v120	0.9827
Listeria_monocytogenes_1639_v150	Listeria_monocytogenes_1639_v120	0.9433
Listeria_monocytogenes_1639_v14	Listeria_monocytogenes_1639_v120	0.9392
Listeria_monocytogenes_1639_v149	Listeria_monocytogenes_1639_v120	0.9419
Listeria_monocytogenes_1639_v148	Listeria_monocytogenes_1639_v120	0.9816
Listeria_monocytogenes_1639_v147	Listeria_monocytogenes_1639_v120	0.9678
Listeria_monocytogenes_1639_v146	Listeria_monocytogenes_1639_v120	0.9513
Listeria_monocytogenes_1639_v145	Listeria_monocytogenes_1639_v120	0.9468
Listeria_monocytogenes_1639_v144	Listeria_monocytogenes_1639_v120	0.9803
Listeria_monocytogenes_1639_v143	Listeria_monocytogenes_1639_v120	0.9514
Listeria_monocytogenes_1639_v142	Listeria_monocytogenes_1639_v120	0.9807
Listeria_monocytogenes_1639_v141	Listeria_monocytogenes_1639_v120	0.9722
Listeria_monocytogenes_1639_v140	Listeria_monocytogenes_1639_v120	0.9811
Listeria_monocytogenes_1639_v13	Listeria_monocytogenes_1639_v120	0.9319
Listeria_monocytogenes_1639_v139	Listeria_monocytogenes_1639_v120	0.98
Listeria_monocytogenes_1639_v138	Listeria_monocytogenes_1639_v120	0.9834
Listeria_monocytogenes_1639_v137	Listeria_monocytogenes_1639_v120	0.9827
Listeria_monocytogenes_1639_v136	Listeria_monocytogenes_1639_v120	0.9416
Listeria_monocytogenes_1639_v135	Listeria_monocytogenes_1639_v120	0.9213
Listeria_monocytogenes_1639_v134	Listeria_monocytogenes_1639_v120	0.9728
Listeria_monocytogenes_1639_v133	Listeria_monocytogenes_1639_v120	0.9387
Listeria_monocytogenes_1639_v132	Listeria_monocytogenes_1639_v120	0.9218
Listeria_monocytogenes_1639_v131	Listeria_monocytogenes_1639_v120	0.9703
Listeria_monocytogenes_1639_v130	Listeria_monocytogenes_1639_v120	0.9335
Listeria_monocytogenes_1639_v12	Listeria_monocytogenes_1639_v120	0.9132
Listeria_monocytogenes_1639_v129	Listeria_monocytogenes_1639_v120	0.9703
Listeria_monocytogenes_1639_v128	Listeria_monocytogenes_1639_v120	0.9681
Listeria_monocytogenes_1639_v127	Listeria_monocytogenes_1639_v120	0.9417
Listeria_monocytogenes_1639_v126	Listeria_monocytogenes_1639_v120	0.9662
Listeria_monocytogenes_1639_v125	Listeria_monocytogenes_1639_v120	0.9384
Listeria_monocytogenes_1639_v124	Listeria_monocytogenes_1639_v120	0.9399
Listeria_monocytogenes_1639_v123	Listeria_monocytogenes_1639_v120	0.9996
Listeria_monocytogenes_1639_v122	Listeria_monocytogenes_1639_v120	0.9996
Listeria_monocytogenes_1639_v121	Listeria_monocytogenes_1639_v120	0.9996
Listeria_monocytogenes_1639_v120	Listeria_monocytogenes_1639_v120	0.0676
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v121	0.8835
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v121	0.8829
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v121	0.8908
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v121	0.8311
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v121	0.8296
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v121	0.8988
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v121	0.8869
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v121	0.9721
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v121	0.9368
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v121	0.9424
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v121	0.9411
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v121	0.9526
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v121	0.9516
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v121	0.9339
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v121	0.9732
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v121	0.9462
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v121	0.9265
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v121	0.9788
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v121	0.9171
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v121	0.9788
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v121	0.9807
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v121	0.9618
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v121	0.9629
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v121	0.9621
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v121	0.9629
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v121	0.9769
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v121	0.9769
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v121	0.9633

Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v121	0.9633
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v121	0.9633
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v121	0.9331
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v121	0.9342
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v121	0.9342
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v121	0.9462
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v121	0.9462
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v121	0.9206
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v121	0.9206
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v121	0.9261
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v121	0.9252
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v121	0.9264
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v121	0.9423
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v121	0.942
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v121	0.9264
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v121	0.9267
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v121	0.9267
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v121	0.9532
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v121	0.9532
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v121	0.9219
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v121	0.9264
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v121	0.934
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v121	0.934
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v121	0.9355
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v121	0.9264
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v121	0.9219
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v121	0.9219
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v121	0.9219
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v121	0.9264
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v121	0.9261
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v121	0.9257
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v121	0.8972
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v121	0.9093
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v121	0.9325
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v121	0.91
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v121	0.9811
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v121	0.9619
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v121	0.9523
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v121	0.9317
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v121	0.9093
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v121	0.9324
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v121	0.9212
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v121	0.9614
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v121	0.9536
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v121	0.9421
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v121	0.9424
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v121	0.9419
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v121	0.9996
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v121	0.9728
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v121	0.9727
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v121	0.9155
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v121	0.9317
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v121	0.9634
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v121	0.9289
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v121	0.9688
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v121	0.9627
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v121	0.9627
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v121	0.9627
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v121	0.9294
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v121	0.9631
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v121	0.9585
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v121	0.9289
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v121	0.9154
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v121	0.9706
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v121	0.9341
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v121	0.9298
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v121	0.9291
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v121	0.9611
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v121	0.9369
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v121	0.9613
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v121	0.9606
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v121	0.934
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v121	0.9533
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v121	0.9154
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v121	0.9319
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v121	0.9333
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v121	0.9331
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v121	0.9259
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v121	0.91
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v121	0.9287
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v121	0.9276
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v121	0.9601
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v121	0.9172
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v121	0.9303
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v121	0.9148
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v121	0.9633
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v121	0.9359
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v121	0.9515
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v121	0.9375
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v121	0.9296
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v121	0.93

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Listeria_monocytogenes_1639_v160	Listeria_monocytogenes_1639_v121	0.978
Listeria_monocytogenes_1639_v15	Listeria_monocytogenes_1639_v121	0.9323
Listeria_monocytogenes_1639_v159	Listeria_monocytogenes_1639_v121	0.9827
Listeria_monocytogenes_1639_v158	Listeria_monocytogenes_1639_v121	0.9792
Listeria_monocytogenes_1639_v157	Listeria_monocytogenes_1639_v121	0.9788
Listeria_monocytogenes_1639_v156	Listeria_monocytogenes_1639_v121	0.9308
Listeria_monocytogenes_1639_v155	Listeria_monocytogenes_1639_v121	0.9413
Listeria_monocytogenes_1639_v154	Listeria_monocytogenes_1639_v121	0.9452
Listeria_monocytogenes_1639_v153	Listeria_monocytogenes_1639_v121	0.9421
Listeria_monocytogenes_1639_v152	Listeria_monocytogenes_1639_v121	0.9831
Listeria_monocytogenes_1639_v151	Listeria_monocytogenes_1639_v121	0.9831
Listeria_monocytogenes_1639_v150	Listeria_monocytogenes_1639_v121	0.9433
Listeria_monocytogenes_1639_v14	Listeria_monocytogenes_1639_v121	0.9396
Listeria_monocytogenes_1639_v149	Listeria_monocytogenes_1639_v121	0.9419
Listeria_monocytogenes_1639_v148	Listeria_monocytogenes_1639_v121	0.9816
Listeria_monocytogenes_1639_v147	Listeria_monocytogenes_1639_v121	0.9678
Listeria_monocytogenes_1639_v146	Listeria_monocytogenes_1639_v121	0.9517
Listeria_monocytogenes_1639_v145	Listeria_monocytogenes_1639_v121	0.9464
Listeria_monocytogenes_1639_v144	Listeria_monocytogenes_1639_v121	0.9803
Listeria_monocytogenes_1639_v143	Listeria_monocytogenes_1639_v121	0.9518
Listeria_monocytogenes_1639_v142	Listeria_monocytogenes_1639_v121	0.9807
Listeria_monocytogenes_1639_v141	Listeria_monocytogenes_1639_v121	0.9726
Listeria_monocytogenes_1639_v140	Listeria_monocytogenes_1639_v121	0.9811
Listeria_monocytogenes_1639_v13	Listeria_monocytogenes_1639_v121	0.9322
Listeria_monocytogenes_1639_v139	Listeria_monocytogenes_1639_v121	0.98
Listeria_monocytogenes_1639_v138	Listeria_monocytogenes_1639_v121	0.983
Listeria_monocytogenes_1639_v137	Listeria_monocytogenes_1639_v121	0.9827
Listeria_monocytogenes_1639_v136	Listeria_monocytogenes_1639_v121	0.9416
Listeria_monocytogenes_1639_v135	Listeria_monocytogenes_1639_v121	0.9213
Listeria_monocytogenes_1639_v134	Listeria_monocytogenes_1639_v121	0.9731
Listeria_monocytogenes_1639_v133	Listeria_monocytogenes_1639_v121	0.9387
Listeria_monocytogenes_1639_v132	Listeria_monocytogenes_1639_v121	0.9221
Listeria_monocytogenes_1639_v131	Listeria_monocytogenes_1639_v121	0.9707
Listeria_monocytogenes_1639_v130	Listeria_monocytogenes_1639_v121	0.9339
Listeria_monocytogenes_1639_v12	Listeria_monocytogenes_1639_v121	0.9132
Listeria_monocytogenes_1639_v129	Listeria_monocytogenes_1639_v121	0.9703
Listeria_monocytogenes_1639_v128	Listeria_monocytogenes_1639_v121	0.9681
Listeria_monocytogenes_1639_v127	Listeria_monocytogenes_1639_v121	0.9417
Listeria_monocytogenes_1639_v126	Listeria_monocytogenes_1639_v121	0.9666
Listeria_monocytogenes_1639_v125	Listeria_monocytogenes_1639_v121	0.9387
Listeria_monocytogenes_1639_v124	Listeria_monocytogenes_1639_v121	0.9403
Listeria_monocytogenes_1639_v123	Listeria_monocytogenes_1639_v121	0.9996
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Listeria_monocytogenes_1639_v121	Listeria_monocytogenes_1639_v121	0.0673
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v122	0.8835
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v122	0.8829
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v122	0.8908
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v122	0.8311
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v122	0.8296
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v122	0.8988
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v122	0.8869
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v122	0.9721
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v122	0.9368
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v122	0.9424
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v122	0.9411
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v122	0.9526
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v122	0.9516
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v122	0.9339
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v122	0.9732
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v122	0.9462
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v122	0.9265
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v122	0.9788
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v122	0.9171
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v122	0.9788
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v122	0.9807
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v122	0.9618
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v122	0.9629
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v122	0.9621
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v122	0.9629
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v122	0.9769
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v122	0.9769
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v122	0.9633
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v122	0.9633
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v122	0.9633
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v122	0.9331
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v122	0.9342
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v122	0.9342
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v122	0.9462
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v122	0.9462
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v122	0.9206
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v122	0.9206
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v122	0.9261
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v122	0.9252
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v122	0.9264
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v122	0.9423
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v122	0.942
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v122	0.9264
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v122	0.9267
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v122	0.9267
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v122	0.9532
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v122	0.9532

Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v122	0.9219
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v122	0.9264
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v122	0.934
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v122	0.934
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v122	0.9355
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v122	0.9264
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v122	0.9219
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v122	0.9219
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v122	0.9219
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v122	0.9264
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v122	0.9261
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v122	0.9257
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v122	0.8972
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v122	0.9093
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v122	0.9325
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v122	0.91
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v122	0.9811
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v122	0.9619
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v122	0.9523
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v122	0.9317
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v122	0.9093
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v122	0.9324
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v122	0.9212
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v122	0.9614
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v122	0.9536
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v122	0.9421
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v122	0.9424
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v122	0.9419
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v122	0.9996
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v122	0.9728
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v122	0.9727
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v122	0.9155
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v122	0.9317
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v122	0.9634
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v122	0.9289
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v122	0.9688
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v122	0.9627
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v122	0.9627
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v122	0.9627
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v122	0.9294
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v122	0.9631
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v122	0.9585
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v122	0.9289
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v122	0.9154
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v122	0.9706
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v122	0.9341
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v122	0.9298
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v122	0.9291
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v122	0.9611
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v122	0.9369
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v122	0.9613
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v122	0.9606
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v122	0.934
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v122	0.9533
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v122	0.9154
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v122	0.9319
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v122	0.9333
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v122	0.9331
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v122	0.9259
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v122	0.91
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v122	0.9287
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v122	0.9276
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v122	0.9601
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v122	0.9172
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v122	0.9303
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v122	0.9148
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v122	0.9633
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v122	0.9359
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v122	0.9515
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v122	0.9375
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v122	0.9296
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v122	0.93
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v122	0.9472
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v122	0.9298
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v122	0.9292
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v122	0.9336
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v122	0.913
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v122	0.962
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v122	0.9655
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v122	0.9595
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v122	0.9617
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v122	0.9551
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v122	0.9286
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v122	0.9333
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v122	0.958
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v122	0.9559
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v122	0.9256
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v122	0.9257
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v122	0.961
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v122	0.9282
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v122	0.9261

[illegible]

Listeria_monocytogenes_1639_v143	Listeria_monocytogenes_1639_v122	0.9518
Listeria_monocytogenes_1639_v142	Listeria_monocytogenes_1639_v122	0.9807
Listeria_monocytogenes_1639_v141	Listeria_monocytogenes_1639_v122	0.9726
Listeria_monocytogenes_1639_v140	Listeria_monocytogenes_1639_v122	0.9811
Listeria_monocytogenes_1639_v13	Listeria_monocytogenes_1639_v122	0.9322
Listeria_monocytogenes_1639_v139	Listeria_monocytogenes_1639_v122	0.98
Listeria_monocytogenes_1639_v138	Listeria_monocytogenes_1639_v122	0.983
Listeria_monocytogenes_1639_v137	Listeria_monocytogenes_1639_v122	0.9827
Listeria_monocytogenes_1639_v136	Listeria_monocytogenes_1639_v122	0.9416
Listeria_monocytogenes_1639_v135	Listeria_monocytogenes_1639_v122	0.9213
Listeria_monocytogenes_1639_v134	Listeria_monocytogenes_1639_v122	0.9731
Listeria_monocytogenes_1639_v133	Listeria_monocytogenes_1639_v122	0.9387
Listeria_monocytogenes_1639_v132	Listeria_monocytogenes_1639_v122	0.9221
Listeria_monocytogenes_1639_v131	Listeria_monocytogenes_1639_v122	0.9707
Listeria_monocytogenes_1639_v130	Listeria_monocytogenes_1639_v122	0.9339
Listeria_monocytogenes_1639_v12	Listeria_monocytogenes_1639_v122	0.9132
Listeria_monocytogenes_1639_v129	Listeria_monocytogenes_1639_v122	0.9703
Listeria_monocytogenes_1639_v128	Listeria_monocytogenes_1639_v122	0.9681
Listeria_monocytogenes_1639_v127	Listeria_monocytogenes_1639_v122	0.9417
Listeria_monocytogenes_1639_v126	Listeria_monocytogenes_1639_v122	0.9666
Listeria_monocytogenes_1639_v125	Listeria_monocytogenes_1639_v122	0.9387
Listeria_monocytogenes_1639_v124	Listeria_monocytogenes_1639_v122	0.9403
Listeria_monocytogenes_1639_v123	Listeria_monocytogenes_1639_v122	0.9996
Listeria_monocytogenes_1639_v122	Listeria_monocytogenes_1639_v122	0.0673
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v123	0.8832
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v123	0.8829
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v123	0.8908
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v123	0.8308
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v123	0.8296
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v123	0.8992
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v123	0.8869
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v123	0.9721
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v123	0.9368
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v123	0.9424
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v123	0.9411
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v123	0.9522
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v123	0.9513
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v123	0.9342
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v123	0.9728
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v123	0.9462
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v123	0.9269
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v123	0.9784
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v123	0.9174
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v123	0.9784
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v123	0.9803
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v123	0.9618
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v123	0.9629
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v123	0.9617
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v123	0.9629
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v123	0.9769
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v123	0.9769
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v123	0.9629
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v123	0.9629
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v123	0.9629
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v123	0.9335
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v123	0.9342
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v123	0.9342
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v123	0.9462
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v123	0.9462
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v123	0.9209
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v123	0.9209
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v123	0.9264
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v123	0.9253
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v123	0.9264
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v123	0.9424
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v123	0.9423
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v123	0.9264
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v123	0.9271
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v123	0.9271
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v123	0.9536
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v123	0.9536
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v123	0.9223
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v123	0.9268
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v123	0.9344
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v123	0.9344
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v123	0.9359
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v123	0.9264
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v123	0.9223
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v123	0.9223
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v123	0.9223
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v123	0.9264
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v123	0.9264
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v123	0.9261
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v123	0.8976
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v123	0.9093
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v123	0.9328
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v123	0.9096
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v123	0.9807
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v123	0.9619
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v123	0.9523
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v123	0.9317

[illegible]

[illegible]

Listeria_monocytogenes_1639_v125	Listeria_monocytogenes_1639_v123	0.9387
Listeria_monocytogenes_1639_v124	Listeria_monocytogenes_1639_v123	0.9399
Listeria_monocytogenes_1639_v123	Listeria_monocytogenes_1639_v123	0.0676
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v124	0.8829
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v124	0.8822
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v124	0.8813
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v124	0.822
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v124	0.8239
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v124	0.8859
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v124	0.8771
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v124	0.9433
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v124	0.9231
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v124	0.9262
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v124	0.9273
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v124	0.9264
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v124	0.9287
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v124	0.9142
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v124	0.9448
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v124	0.9523
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v124	0.9067
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v124	0.9471
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v124	0.9036
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v124	0.9471
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v124	0.9424
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v124	0.9337
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v124	0.9348
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v124	0.9355
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v124	0.9348
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v124	0.9418
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v124	0.9418
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v124	0.9348
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v124	0.9348
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v124	0.9348
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v124	0.9131
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v124	0.9142
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v124	0.9142
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v124	0.9168
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v124	0.9168
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v124	0.8997
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v124	0.8997
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v124	0.9055
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v124	0.9046
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v124	0.9058
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v124	0.9236
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v124	0.9236
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v124	0.9058
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v124	0.9061
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v124	0.9061
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v124	0.9353
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v124	0.9353
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v124	0.9011
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v124	0.9055
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v124	0.9199
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v124	0.9199
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v124	0.915
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v124	0.9058
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v124	0.9011
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v124	0.9011
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v124	0.9011
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v124	0.9058
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v124	0.9055
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v124	0.9044
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v124	0.8808
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v124	0.9168
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v124	0.9128
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v124	0.9175
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v124	0.9424
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v124	0.9219
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v124	0.9248
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v124	0.9188
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v124	0.9171
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v124	0.9124
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v124	0.9292
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v124	0.9342
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v124	0.9318
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v124	0.9275
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v124	0.9275
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v124	0.928
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v124	0.9399
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v124	0.9442
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v124	0.9442
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v124	0.9033
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v124	0.9062
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v124	0.9227
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v124	0.9142
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v124	0.9315
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v124	0.9216
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v124	0.9216
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v124	0.922
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v124	0.9106
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v124	0.9223

[illegible]

[illegible]

Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v125	0.9363
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v125	0.9408
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v125	0.9242
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v125	0.9253
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v125	0.926
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v125	0.9253
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v125	0.9394
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v125	0.9394
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v125	0.9275
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v125	0.9275
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v125	0.9275
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v125	0.9469
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v125	0.948
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v125	0.948
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v125	0.9265
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v125	0.9265
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v125	0.9398
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v125	0.9398
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v125	0.9458
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v125	0.9454
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v125	0.9461
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v125	0.9513
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v125	0.9513
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v125	0.9461
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v125	0.9465
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v125	0.9465
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v125	0.9645
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v125	0.9645
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v125	0.9412
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v125	0.9458
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v125	0.9512
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v125	0.9512
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v125	0.9554
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v125	0.9461
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v125	0.9412
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v125	0.9412
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v125	0.9412
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v125	0.9461
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v125	0.9458
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v125	0.9432
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v125	0.909
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v125	0.9078
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v125	0.9414
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v125	0.9084
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v125	0.9408
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v125	0.9339
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v125	0.9218
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v125	0.9624
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v125	0.9077
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v125	0.9451
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v125	0.9028
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v125	0.9345
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v125	0.9626
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v125	0.9518
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v125	0.9518
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v125	0.9539
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v125	0.9387
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v125	0.935
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v125	0.935
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v125	0.9451
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v125	0.9198
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v125	0.935
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v125	0.9514
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v125	0.9402
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v125	0.9343
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v125	0.9343
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v125	0.9347
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v125	0.9431
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v125	0.9347
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v125	0.9248
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v125	0.9514
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v125	0.9335
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v125	0.9354
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v125	0.957
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v125	0.9455
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v125	0.9451
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v125	0.9258
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v125	0.9606
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v125	0.9286
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v125	0.9279
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v125	0.9554
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v125	0.9296
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v125	0.9335
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v125	0.954
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v125	0.9551
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v125	0.9606
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v125	0.9472
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v125	0.9084
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v125	0.944
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v125	0.9364
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v125	0.9281

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Listeria_monocytogenes_1639_v169	Listeria_monocytogenes_1639_v125	0.9598
Listeria_monocytogenes_1639_v168	Listeria_monocytogenes_1639_v125	0.9888
Listeria_monocytogenes_1639_v167	Listeria_monocytogenes_1639_v125	0.9724
Listeria_monocytogenes_1639_v166	Listeria_monocytogenes_1639_v125	0.9892
Listeria_monocytogenes_1639_v165	Listeria_monocytogenes_1639_v125	0.9594
Listeria_monocytogenes_1639_v164	Listeria_monocytogenes_1639_v125	0.9374
Listeria_monocytogenes_1639_v163	Listeria_monocytogenes_1639_v125	0.9459
Listeria_monocytogenes_1639_v162	Listeria_monocytogenes_1639_v125	0.9374
Listeria_monocytogenes_1639_v161	Listeria_monocytogenes_1639_v125	0.9366
Listeria_monocytogenes_1639_v160	Listeria_monocytogenes_1639_v125	0.9367
Listeria_monocytogenes_1639_v15	Listeria_monocytogenes_1639_v125	0.9122
Listeria_monocytogenes_1639_v159	Listeria_monocytogenes_1639_v125	0.9426
Listeria_monocytogenes_1639_v158	Listeria_monocytogenes_1639_v125	0.9363
Listeria_monocytogenes_1639_v157	Listeria_monocytogenes_1639_v125	0.9363
Listeria_monocytogenes_1639_v156	Listeria_monocytogenes_1639_v125	0.9472
Listeria_monocytogenes_1639_v155	Listeria_monocytogenes_1639_v125	0.9622
Listeria_monocytogenes_1639_v154	Listeria_monocytogenes_1639_v125	0.9531
Listeria_monocytogenes_1639_v153	Listeria_monocytogenes_1639_v125	0.9553
Listeria_monocytogenes_1639_v152	Listeria_monocytogenes_1639_v125	0.9429
Listeria_monocytogenes_1639_v151	Listeria_monocytogenes_1639_v125	0.9429
Listeria_monocytogenes_1639_v150	Listeria_monocytogenes_1639_v125	0.9553
Listeria_monocytogenes_1639_v14	Listeria_monocytogenes_1639_v125	0.9194
Listeria_monocytogenes_1639_v149	Listeria_monocytogenes_1639_v125	0.9539
Listeria_monocytogenes_1639_v148	Listeria_monocytogenes_1639_v125	0.9414
Listeria_monocytogenes_1639_v147	Listeria_monocytogenes_1639_v125	0.9291
Listeria_monocytogenes_1639_v146	Listeria_monocytogenes_1639_v125	0.96
Listeria_monocytogenes_1639_v145	Listeria_monocytogenes_1639_v125	0.962
Listeria_monocytogenes_1639_v144	Listeria_monocytogenes_1639_v125	0.9401
Listeria_monocytogenes_1639_v143	Listeria_monocytogenes_1639_v125	0.9635
Listeria_monocytogenes_1639_v142	Listeria_monocytogenes_1639_v125	0.9405
Listeria_monocytogenes_1639_v141	Listeria_monocytogenes_1639_v125	0.9462
Listeria_monocytogenes_1639_v140	Listeria_monocytogenes_1639_v125	0.9408
Listeria_monocytogenes_1639_v13	Listeria_monocytogenes_1639_v125	0.9126
Listeria_monocytogenes_1639_v139	Listeria_monocytogenes_1639_v125	0.9402
Listeria_monocytogenes_1639_v138	Listeria_monocytogenes_1639_v125	0.9432
Listeria_monocytogenes_1639_v137	Listeria_monocytogenes_1639_v125	0.9428
Listeria_monocytogenes_1639_v136	Listeria_monocytogenes_1639_v125	0.951
Listeria_monocytogenes_1639_v135	Listeria_monocytogenes_1639_v125	0.9193
Listeria_monocytogenes_1639_v134	Listeria_monocytogenes_1639_v125	0.9304
Listeria_monocytogenes_1639_v133	Listeria_monocytogenes_1639_v125	0.9638
Listeria_monocytogenes_1639_v132	Listeria_monocytogenes_1639_v125	0.9168
Listeria_monocytogenes_1639_v131	Listeria_monocytogenes_1639_v125	0.9363
Listeria_monocytogenes_1639_v130	Listeria_monocytogenes_1639_v125	0.9405
Listeria_monocytogenes_1639_v12	Listeria_monocytogenes_1639_v125	0.9275
Listeria_monocytogenes_1639_v129	Listeria_monocytogenes_1639_v125	0.9416
Listeria_monocytogenes_1639_v128	Listeria_monocytogenes_1639_v125	0.9418
Listeria_monocytogenes_1639_v127	Listeria_monocytogenes_1639_v125	0.9601
Listeria_monocytogenes_1639_v126	Listeria_monocytogenes_1639_v125	0.943
Listeria_monocytogenes_1639_v125	Listeria_monocytogenes_1639_v125	0.0679
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v126	0.8832
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v126	0.8825
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v126	0.8948
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v126	0.83
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v126	0.8358
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v126	0.8977
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v126	0.8858
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v126	0.9599
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v126	0.9422
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v126	0.9485
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v126	0.9461
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v126	0.9538
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v126	0.9604
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v126	0.9392
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v126	0.961
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v126	0.9451
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v126	0.9318
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v126	0.965
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v126	0.9233
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v126	0.965
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v126	0.9661
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v126	0.9505
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v126	0.9516
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v126	0.9527
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v126	0.9519
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v126	0.9635
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v126	0.9635
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v126	0.9527
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v126	0.9527
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v126	0.9527
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v126	0.9388
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v126	0.9399
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v126	0.9399
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v126	0.9488
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v126	0.9488
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v126	0.9288
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v126	0.9288
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v126	0.9347
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v126	0.9339
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v126	0.9351
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v126	0.9477
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v126	0.9473

Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v126	0.9351
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v126	0.9354
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v126	0.9354
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v126	0.9575
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v126	0.9575
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v126	0.9302
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v126	0.9347
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v126	0.9397
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v126	0.9397
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v126	0.9439
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v126	0.9351
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v126	0.9302
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v126	0.9302
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v126	0.9302
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v126	0.9351
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v126	0.9347
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v126	0.9333
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v126	0.9002
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v126	0.9063
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v126	0.9381
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v126	0.907
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v126	0.9665
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v126	0.9465
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v126	0.9425
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v126	0.937
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v126	0.9063
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v126	0.9374
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v126	0.9155
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v126	0.9603
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v126	0.9567
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v126	0.952
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v126	0.952
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v126	0.9468
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v126	0.9662
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v126	0.9609
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v126	0.9609
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v126	0.9211
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v126	0.9332
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v126	0.9469
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v126	0.9339
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v126	0.9544
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v126	0.9469
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v126	0.9465
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v126	0.9469
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v126	0.9339
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v126	0.9472
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v126	0.9483
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v126	0.9339
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v126	0.9229
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v126	0.9588
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v126	0.9405
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v126	0.9362
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v126	0.9355
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v126	0.9501
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v126	0.9423
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v126	0.9515
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v126	0.9511
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v126	0.9397
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v126	0.9533
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v126	0.9229
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v126	0.938
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v126	0.939
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v126	0.9449
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v126	0.932
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v126	0.907
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v126	0.9329
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v126	0.934
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v126	0.9495
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v126	0.921
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v126	0.9356
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v126	0.9222
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v126	0.9519
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v126	0.9439
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v126	0.9526
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v126	0.9428
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v126	0.9375
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v126	0.9361
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v126	0.9492
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v126	0.9366
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v126	0.9379
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v126	0.9378
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v126	0.9131
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v126	0.9514
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v126	0.9564
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v126	0.9426
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v126	0.9511
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v126	0.9395
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v126	0.9252
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v126	0.9393
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v126	0.9463
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v126	0.9461

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Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v128	0.8836
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v128	0.8832
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v128	0.8951
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v128	0.8308
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v128	0.8358
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v128	0.8985
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v128	0.8865
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v128	0.9618
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v128	0.941
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v128	0.947
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v128	0.945
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v128	0.9553
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v128	0.9619
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v128	0.9395
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v128	0.9625
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v128	0.9459
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v128	0.9321
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v128	0.9665
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v128	0.9228
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v128	0.9665
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v128	0.9676
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v128	0.9523
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v128	0.9534
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v128	0.9542
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v128	0.9538
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v128	0.9654
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v128	0.9654
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v128	0.9542
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v128	0.9542
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v128	0.9542
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v128	0.9391
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v128	0.9399
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v128	0.9399
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v128	0.9507
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v128	0.9507
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v128	0.928
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v128	0.928
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v128	0.9336
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v128	0.9324
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v128	0.9336
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v128	0.9462
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v128	0.9462
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v128	0.9336
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v128	0.9343
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v128	0.9343
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v128	0.9563
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v128	0.9563
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v128	0.9294
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v128	0.9339
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v128	0.9393
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v128	0.9393
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v128	0.9427
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v128	0.9336
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v128	0.9294
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v128	0.9294
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v128	0.9294
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v128	0.9336
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v128	0.9336
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v128	0.9321
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v128	0.8998
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v128	0.9078
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v128	0.9385
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v128	0.9081
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v128	0.968
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v128	0.9476
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v128	0.9444
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v128	0.9355
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v128	0.9074
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v128	0.9377
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v128	0.9166
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v128	0.9625
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v128	0.9563
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v128	0.9523
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v128	0.9527
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v128	0.9457
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v128	0.9681
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v128	0.9628
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v128	0.9624
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v128	0.92
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v128	0.9354
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v128	0.9484
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v128	0.9339
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v128	0.9563
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v128	0.948
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v128	0.948
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v128	0.9488
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v128	0.9331
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v128	0.9488
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v128	0.9498
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v128	0.9339
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v128	0.9214

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Listeria_monocytogenes_1639_v186	Listeria_monocytogenes_1639_v128	0.9566
Listeria_monocytogenes_1639_v185	Listeria_monocytogenes_1639_v128	0.9566
Listeria_monocytogenes_1639_v184	Listeria_monocytogenes_1639_v128	0.9554
Listeria_monocytogenes_1639_v183	Listeria_monocytogenes_1639_v128	0.9531
Listeria_monocytogenes_1639_v182	Listeria_monocytogenes_1639_v128	0.9553
Listeria_monocytogenes_1639_v181	Listeria_monocytogenes_1639_v128	0.9268
Listeria_monocytogenes_1639_v180	Listeria_monocytogenes_1639_v128	0.9268
Listeria_monocytogenes_1639_v17	Listeria_monocytogenes_1639_v128	0.94
Listeria_monocytogenes_1639_v179	Listeria_monocytogenes_1639_v128	0.9398
Listeria_monocytogenes_1639_v178	Listeria_monocytogenes_1639_v128	0.9574
Listeria_monocytogenes_1639_v177	Listeria_monocytogenes_1639_v128	0.9658
Listeria_monocytogenes_1639_v176	Listeria_monocytogenes_1639_v128	0.9432
Listeria_monocytogenes_1639_v175	Listeria_monocytogenes_1639_v128	0.9466
Listeria_monocytogenes_1639_v174	Listeria_monocytogenes_1639_v128	0.9605
Listeria_monocytogenes_1639_v173	Listeria_monocytogenes_1639_v128	0.9772
Listeria_monocytogenes_1639_v172	Listeria_monocytogenes_1639_v128	0.9376
Listeria_monocytogenes_1639_v171	Listeria_monocytogenes_1639_v128	0.9416
Listeria_monocytogenes_1639_v170	Listeria_monocytogenes_1639_v128	0.95
Listeria_monocytogenes_1639_v16	Listeria_monocytogenes_1639_v128	0.9198
Listeria_monocytogenes_1639_v169	Listeria_monocytogenes_1639_v128	0.9508
Listeria_monocytogenes_1639_v168	Listeria_monocytogenes_1639_v128	0.949
Listeria_monocytogenes_1639_v167	Listeria_monocytogenes_1639_v128	0.9404
Listeria_monocytogenes_1639_v166	Listeria_monocytogenes_1639_v128	0.9494
Listeria_monocytogenes_1639_v165	Listeria_monocytogenes_1639_v128	0.9504
Listeria_monocytogenes_1639_v164	Listeria_monocytogenes_1639_v128	0.9661
Listeria_monocytogenes_1639_v163	Listeria_monocytogenes_1639_v128	0.9734
Listeria_monocytogenes_1639_v162	Listeria_monocytogenes_1639_v128	0.9661
Listeria_monocytogenes_1639_v161	Listeria_monocytogenes_1639_v128	0.9672
Listeria_monocytogenes_1639_v160	Listeria_monocytogenes_1639_v128	0.9669
Listeria_monocytogenes_1639_v15	Listeria_monocytogenes_1639_v128	0.9349
Listeria_monocytogenes_1639_v159	Listeria_monocytogenes_1639_v128	0.9662
Listeria_monocytogenes_1639_v158	Listeria_monocytogenes_1639_v128	0.9669
Listeria_monocytogenes_1639_v157	Listeria_monocytogenes_1639_v128	0.9665
Listeria_monocytogenes_1639_v156	Listeria_monocytogenes_1639_v128	0.9346
Listeria_monocytogenes_1639_v155	Listeria_monocytogenes_1639_v128	0.946
Listeria_monocytogenes_1639_v154	Listeria_monocytogenes_1639_v128	0.9506
Listeria_monocytogenes_1639_v153	Listeria_monocytogenes_1639_v128	0.9452
Listeria_monocytogenes_1639_v152	Listeria_monocytogenes_1639_v128	0.9662
Listeria_monocytogenes_1639_v151	Listeria_monocytogenes_1639_v128	0.9662
Listeria_monocytogenes_1639_v150	Listeria_monocytogenes_1639_v128	0.9475
Listeria_monocytogenes_1639_v14	Listeria_monocytogenes_1639_v128	0.9411
Listeria_monocytogenes_1639_v149	Listeria_monocytogenes_1639_v128	0.9461
Listeria_monocytogenes_1639_v148	Listeria_monocytogenes_1639_v128	0.9654
Listeria_monocytogenes_1639_v147	Listeria_monocytogenes_1639_v128	0.9508
Listeria_monocytogenes_1639_v146	Listeria_monocytogenes_1639_v128	0.9571
Listeria_monocytogenes_1639_v145	Listeria_monocytogenes_1639_v128	0.9491
Listeria_monocytogenes_1639_v144	Listeria_monocytogenes_1639_v128	0.9672
Listeria_monocytogenes_1639_v143	Listeria_monocytogenes_1639_v128	0.9537
Listeria_monocytogenes_1639_v142	Listeria_monocytogenes_1639_v128	0.9676
Listeria_monocytogenes_1639_v141	Listeria_monocytogenes_1639_v128	0.995
Listeria_monocytogenes_1639_v140	Listeria_monocytogenes_1639_v128	0.9684
Listeria_monocytogenes_1639_v13	Listeria_monocytogenes_1639_v128	0.9349
Listeria_monocytogenes_1639_v139	Listeria_monocytogenes_1639_v128	0.9634
Listeria_monocytogenes_1639_v138	Listeria_monocytogenes_1639_v128	0.9707
Listeria_monocytogenes_1639_v137	Listeria_monocytogenes_1639_v128	0.9707
Listeria_monocytogenes_1639_v136	Listeria_monocytogenes_1639_v128	0.9458
Listeria_monocytogenes_1639_v135	Listeria_monocytogenes_1639_v128	0.919
Listeria_monocytogenes_1639_v134	Listeria_monocytogenes_1639_v128	0.9624
Listeria_monocytogenes_1639_v133	Listeria_monocytogenes_1639_v128	0.9448
Listeria_monocytogenes_1639_v132	Listeria_monocytogenes_1639_v128	0.9199
Listeria_monocytogenes_1639_v131	Listeria_monocytogenes_1639_v128	0.9558
Listeria_monocytogenes_1639_v130	Listeria_monocytogenes_1639_v128	0.9388
Listeria_monocytogenes_1639_v12	Listeria_monocytogenes_1639_v128	0.9195
Listeria_monocytogenes_1639_v129	Listeria_monocytogenes_1639_v128	0.9784
Listeria_monocytogenes_1639_v128	Listeria_monocytogenes_1639_v128	0.0657
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v129	0.8813
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v129	0.8809
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v129	0.8948
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v129	0.8286
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v129	0.836
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v129	0.8978
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v129	0.8854
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v129	0.9628
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v129	0.9408
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v129	0.9488
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v129	0.9456
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v129	0.9521
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v129	0.963
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v129	0.9416
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v129	0.9639
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v129	0.9496
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v129	0.9342
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v129	0.9679
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v129	0.923
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v129	0.9679
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v129	0.9687
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v129	0.9526
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v129	0.9537
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v129	0.9529
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v129	0.954
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v129	0.9641

Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v129	0.9641
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v129	0.9544
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v129	0.9544
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v129	0.9544
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v129	0.9408
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v129	0.9416
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v129	0.9416
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v129	0.9668
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v129	0.9668
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v129	0.9267
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v129	0.9267
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v129	0.9322
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v129	0.9311
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v129	0.9322
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v129	0.9495
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v129	0.9498
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v129	0.9322
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v129	0.9329
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v129	0.9329
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v129	0.9593
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v129	0.9593
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v129	0.9281
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v129	0.9326
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v129	0.9387
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v129	0.9387
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v129	0.9422
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v129	0.9322
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v129	0.9281
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v129	0.9281
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v129	0.9281
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v129	0.9322
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v129	0.9322
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v129	0.9312
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v129	0.9039
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v129	0.9098
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v129	0.9402
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v129	0.9101
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v129	0.9691
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v129	0.9482
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v129	0.9454
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v129	0.9383
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v129	0.9094
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v129	0.9402
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v129	0.9171
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v129	0.9663
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v129	0.9589
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v129	0.9556
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v129	0.956
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v129	0.9463
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v129	0.9703
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v129	0.965
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v129	0.9646
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v129	0.9213
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v129	0.9371
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v129	0.949
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v129	0.9352
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v129	0.9543
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v129	0.9482
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v129	0.9483
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v129	0.9486
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v129	0.9363
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v129	0.949
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v129	0.9481
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v129	0.9352
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v129	0.9204
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v129	0.9598
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v129	0.9392
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v129	0.9345
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v129	0.9341
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v129	0.9522
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v129	0.9398
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v129	0.954
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v129	0.9536
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v129	0.9392
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v129	0.9722
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v129	0.9204
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v129	0.9374
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v129	0.9385
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v129	0.9436
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v129	0.9333
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v129	0.9101
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v129	0.933
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v129	0.9356
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v129	0.952
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v129	0.9215
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v129	0.9377
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v129	0.9201
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v129	0.9537
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v129	0.9433
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v129	0.9559
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v129	0.943

[illegible]

Listeria_monocytogenes_1639_v162	Listeria_monocytogenes_1639_v129	0.9675
Listeria_monocytogenes_1639_v161	Listeria_monocytogenes_1639_v129	0.9675
Listeria_monocytogenes_1639_v160	Listeria_monocytogenes_1639_v129	0.9672
Listeria_monocytogenes_1639_v15	Listeria_monocytogenes_1639_v129	0.9521
Listeria_monocytogenes_1639_v159	Listeria_monocytogenes_1639_v129	0.9684
Listeria_monocytogenes_1639_v158	Listeria_monocytogenes_1639_v129	0.9679
Listeria_monocytogenes_1639_v157	Listeria_monocytogenes_1639_v129	0.9679
Listeria_monocytogenes_1639_v156	Listeria_monocytogenes_1639_v129	0.9351
Listeria_monocytogenes_1639_v155	Listeria_monocytogenes_1639_v129	0.9477
Listeria_monocytogenes_1639_v154	Listeria_monocytogenes_1639_v129	0.9508
Listeria_monocytogenes_1639_v153	Listeria_monocytogenes_1639_v129	0.9488
Listeria_monocytogenes_1639_v152	Listeria_monocytogenes_1639_v129	0.9684
Listeria_monocytogenes_1639_v151	Listeria_monocytogenes_1639_v129	0.9684
Listeria_monocytogenes_1639_v150	Listeria_monocytogenes_1639_v129	0.9481
Listeria_monocytogenes_1639_v14	Listeria_monocytogenes_1639_v129	0.9589
Listeria_monocytogenes_1639_v149	Listeria_monocytogenes_1639_v129	0.9467
Listeria_monocytogenes_1639_v148	Listeria_monocytogenes_1639_v129	0.9676
Listeria_monocytogenes_1639_v147	Listeria_monocytogenes_1639_v129	0.9533
Listeria_monocytogenes_1639_v146	Listeria_monocytogenes_1639_v129	0.9616
Listeria_monocytogenes_1639_v145	Listeria_monocytogenes_1639_v129	0.9544
Listeria_monocytogenes_1639_v144	Listeria_monocytogenes_1639_v129	0.9683
Listeria_monocytogenes_1639_v143	Listeria_monocytogenes_1639_v129	0.9609
Listeria_monocytogenes_1639_v142	Listeria_monocytogenes_1639_v129	0.9687
Listeria_monocytogenes_1639_v141	Listeria_monocytogenes_1639_v129	0.9744
Listeria_monocytogenes_1639_v140	Listeria_monocytogenes_1639_v129	0.9694
Listeria_monocytogenes_1639_v13	Listeria_monocytogenes_1639_v129	0.9517
Listeria_monocytogenes_1639_v139	Listeria_monocytogenes_1639_v129	0.9652
Listeria_monocytogenes_1639_v138	Listeria_monocytogenes_1639_v129	0.9706
Listeria_monocytogenes_1639_v137	Listeria_monocytogenes_1639_v129	0.9706
Listeria_monocytogenes_1639_v136	Listeria_monocytogenes_1639_v129	0.9491
Listeria_monocytogenes_1639_v135	Listeria_monocytogenes_1639_v129	0.923
Listeria_monocytogenes_1639_v134	Listeria_monocytogenes_1639_v129	0.9638
Listeria_monocytogenes_1639_v133	Listeria_monocytogenes_1639_v129	0.9501
Listeria_monocytogenes_1639_v132	Listeria_monocytogenes_1639_v129	0.9212
Listeria_monocytogenes_1639_v131	Listeria_monocytogenes_1639_v129	0.9569
Listeria_monocytogenes_1639_v130	Listeria_monocytogenes_1639_v129	0.9413
Listeria_monocytogenes_1639_v12	Listeria_monocytogenes_1639_v129	0.9211
Listeria_monocytogenes_1639_v129	Listeria_monocytogenes_1639_v129	0.0661
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v12	0.8533
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v12	0.853
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v12	0.8577
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v12	0.8011
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v12	0.8233
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v12	0.8605
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v12	0.8532
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v12	0.9056
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v12	0.9378
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v12	0.9291
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v12	0.9353
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v12	0.9322
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v12	0.9239
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v12	0.9706
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v12	0.9066
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v12	0.9113
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v12	0.9726
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v12	0.9104
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v12	0.9155
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v12	0.9104
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v12	0.9129
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v12	0.9021
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v12	0.9031
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v12	0.9035
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v12	0.9031
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v12	0.9105
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v12	0.9105
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v12	0.9053
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v12	0.9053
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v12	0.9053
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v12	0.9669
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v12	0.968
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v12	0.968
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v12	0.9301
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v12	0.9301
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v12	0.9397
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v12	0.9397
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v12	0.9346
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v12	0.9368
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v12	0.935
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v12	0.938
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v12	0.9383
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v12	0.935
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v12	0.9346
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v12	0.9346
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v12	0.9349
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v12	0.9349
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v12	0.9385
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v12	0.9354
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v12	0.9365
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v12	0.9365
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v12	0.9292
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v12	0.935

Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v12	0.9385
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v12	0.9385
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v12	0.9385
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v12	0.935
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v12	0.935
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v12	0.943
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v12	0.8872
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v12	0.8947
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v12	0.9626
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v12	0.895
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v12	0.9129
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v12	0.9061
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v12	0.9075
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v12	0.926
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v12	0.8947
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v12	0.9677
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v12	0.8786
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v12	0.9239
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v12	0.9286
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v12	0.9494
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v12	0.9498
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v12	0.936
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v12	0.9136
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v12	0.9078
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v12	0.9074
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v12	0.9334
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v12	0.9129
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v12	0.9155
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v12	0.936
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v12	0.9094
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v12	0.9152
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v12	0.9152
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v12	0.9155
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v12	0.9324
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v12	0.9159
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v12	0.9099
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v12	0.936
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v12	0.9522
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v12	0.9108
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v12	0.9413
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v12	0.9339
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v12	0.9336
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v12	0.9026
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v12	0.9397
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v12	0.9037
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v12	0.9034
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v12	0.9402
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v12	0.9237
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v12	0.9522
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v12	0.9345
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v12	0.9392
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v12	0.9283
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v12	0.9421
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v12	0.895
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v12	0.9252
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v12	0.9711
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v12	0.9022
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v12	0.9254
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v12	0.9725
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v12	0.9518
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v12	0.9031
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v12	0.9256
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v12	0.9271
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v12	0.938
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v12	0.941
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v12	0.9396
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v12	0.9322
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v12	0.9438
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v12	0.9366
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v12	0.9278
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v12	0.9142
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v12	0.9088
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v12	0.9084
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v12	0.904
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v12	0.9092
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v12	0.909
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v12	0.903
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v12	0.919
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v12	0.908
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v12	0.9057
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v12	0.9339
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v12	0.926
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v12	0.9036
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v12	0.9707
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v12	0.9347
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v12	0.9275
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v12	0.9346
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v12	0.935
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v12	0.935
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v12	0.9274
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v12	0.9254

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Listeria_monocytogenes_1639_v138	Listeria_monocytogenes_1639_v12	0.9148
Listeria_monocytogenes_1639_v137	Listeria_monocytogenes_1639_v12	0.9144
Listeria_monocytogenes_1639_v136	Listeria_monocytogenes_1639_v12	0.9391
Listeria_monocytogenes_1639_v135	Listeria_monocytogenes_1639_v12	0.89
Listeria_monocytogenes_1639_v134	Listeria_monocytogenes_1639_v12	0.9063
Listeria_monocytogenes_1639_v133	Listeria_monocytogenes_1639_v12	0.9341
Listeria_monocytogenes_1639_v132	Listeria_monocytogenes_1639_v12	0.8884
Listeria_monocytogenes_1639_v131	Listeria_monocytogenes_1639_v12	0.9089
Listeria_monocytogenes_1639_v130	Listeria_monocytogenes_1639_v12	0.9666
Listeria_monocytogenes_1639_v12	Listeria_monocytogenes_1639_v12	0.0743
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v130	0.8681
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v130	0.8674
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v130	0.8747
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v130	0.8103
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v130	0.8291
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v130	0.8805
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v130	0.8682
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v130	0.9256
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v130	0.9615
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v130	0.9479
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v130	0.9545
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v130	0.9389
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v130	0.9427
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v130	0.981
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v130	0.927
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v130	0.9319
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v130	0.9904
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v130	0.9311
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v130	0.9352
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v130	0.9311
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v130	0.9337
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v130	0.9182
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v130	0.9192
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v130	0.9199
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v130	0.9192
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v130	0.9304
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v130	0.9304
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v130	0.9203
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v130	0.9203
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v130	0.9203
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v130	0.9721
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v130	0.9732
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v130	0.9732
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v130	0.933
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v130	0.933
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v130	0.9347
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v130	0.9347
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v130	0.9402
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v130	0.9416
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v130	0.9405
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v130	0.9583
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v130	0.9583
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v130	0.9405
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v130	0.9405
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v130	0.9405
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v130	0.9559
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v130	0.9559
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v130	0.9357
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v130	0.9402
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v130	0.9493
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v130	0.9493
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v130	0.937
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v130	0.9405
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v130	0.9357
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v130	0.9357
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v130	0.9357
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v130	0.9405
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v130	0.9402
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v130	0.9465
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v130	0.9032
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v130	0.9038
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v130	0.9796
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v130	0.9045
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v130	0.9337
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v130	0.9162
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v130	0.9158
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v130	0.9362
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v130	0.9041
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v130	0.9714
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v130	0.8977
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v130	0.9421
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v130	0.9502
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v130	0.9644
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v130	0.9644
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v130	0.9552
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v130	0.9339
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v130	0.9268
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v130	0.9268
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v130	0.9429
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v130	0.9168
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v130	0.9258

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Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v131	0.9634
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v131	0.9652
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v131	0.9576
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v131	0.9587
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v131	0.9587
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v131	0.9591
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v131	0.9623
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v131	0.9623
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v131	0.9606
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v131	0.9606
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v131	0.9606
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v131	0.9273
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v131	0.9277
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v131	0.9277
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v131	0.9463
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v131	0.9463
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v131	0.9187
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v131	0.9187
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v131	0.923
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v131	0.9226
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v131	0.9234
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v131	0.9338
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v131	0.9334
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v131	0.9234
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v131	0.9237
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v131	0.9237
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v131	0.9402
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v131	0.9402
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v131	0.9193
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v131	0.9234
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v131	0.9357
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v131	0.9357
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v131	0.9316
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v131	0.9234
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v131	0.9193
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v131	0.9193
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v131	0.9193
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v131	0.9234
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v131	0.923
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v131	0.9201
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v131	0.8919
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v131	0.9131
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v131	0.932
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v131	0.9138
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v131	0.9656
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v131	0.9723
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v131	0.9527
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v131	0.9323
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v131	0.9131
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v131	0.9267
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v131	0.9091
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v131	0.9477
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v131	0.9414
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v131	0.9426
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v131	0.943
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v131	0.9348
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v131	0.9703
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v131	0.9586
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v131	0.9586
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v131	0.9181
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v131	0.9309
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v131	0.9772
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v131	0.9341
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v131	0.962
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v131	0.9735
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v131	0.9735
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v131	0.9739
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v131	0.9185
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v131	0.9802
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v131	0.9581
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v131	0.9341
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v131	0.91
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v131	0.9773
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v131	0.9279
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v131	0.9312
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v131	0.9305
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v131	0.9573
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v131	0.9338
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v131	0.9576
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v131	0.9568
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v131	0.9302
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v131	0.9503
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v131	0.91
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v131	0.9281
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v131	0.9291
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v131	0.9284
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v131	0.9222
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v131	0.9138
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v131	0.9275
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v131	0.9271
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v131	0.9601

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Listeria_monocytogenes_1639_v169	Listeria_monocytogenes_1639_v131	0.938
Listeria_monocytogenes_1639_v168	Listeria_monocytogenes_1639_v131	0.9403
Listeria_monocytogenes_1639_v167	Listeria_monocytogenes_1639_v131	0.9314
Listeria_monocytogenes_1639_v166	Listeria_monocytogenes_1639_v131	0.9406
Listeria_monocytogenes_1639_v165	Listeria_monocytogenes_1639_v131	0.9376
Listeria_monocytogenes_1639_v164	Listeria_monocytogenes_1639_v131	0.9626
Listeria_monocytogenes_1639_v163	Listeria_monocytogenes_1639_v131	0.9535
Listeria_monocytogenes_1639_v162	Listeria_monocytogenes_1639_v131	0.9626
Listeria_monocytogenes_1639_v161	Listeria_monocytogenes_1639_v131	0.9633
Listeria_monocytogenes_1639_v160	Listeria_monocytogenes_1639_v131	0.963
Listeria_monocytogenes_1639_v15	Listeria_monocytogenes_1639_v131	0.9325
Listeria_monocytogenes_1639_v159	Listeria_monocytogenes_1639_v131	0.9871
Listeria_monocytogenes_1639_v158	Listeria_monocytogenes_1639_v131	0.9634
Listeria_monocytogenes_1639_v157	Listeria_monocytogenes_1639_v131	0.9634
Listeria_monocytogenes_1639_v156	Listeria_monocytogenes_1639_v131	0.9296
Listeria_monocytogenes_1639_v155	Listeria_monocytogenes_1639_v131	0.9385
Listeria_monocytogenes_1639_v154	Listeria_monocytogenes_1639_v131	0.9362
Listeria_monocytogenes_1639_v153	Listeria_monocytogenes_1639_v131	0.9426
Listeria_monocytogenes_1639_v152	Listeria_monocytogenes_1639_v131	0.9874
Listeria_monocytogenes_1639_v151	Listeria_monocytogenes_1639_v131	0.9874
Listeria_monocytogenes_1639_v150	Listeria_monocytogenes_1639_v131	0.9347
Listeria_monocytogenes_1639_v14	Listeria_monocytogenes_1639_v131	0.9383
Listeria_monocytogenes_1639_v149	Listeria_monocytogenes_1639_v131	0.9348
Listeria_monocytogenes_1639_v148	Listeria_monocytogenes_1639_v131	0.9859
Listeria_monocytogenes_1639_v147	Listeria_monocytogenes_1639_v131	0.9715
Listeria_monocytogenes_1639_v146	Listeria_monocytogenes_1639_v131	0.9384
Listeria_monocytogenes_1639_v145	Listeria_monocytogenes_1639_v131	0.9336
Listeria_monocytogenes_1639_v144	Listeria_monocytogenes_1639_v131	0.9649
Listeria_monocytogenes_1639_v143	Listeria_monocytogenes_1639_v131	0.9404
Listeria_monocytogenes_1639_v142	Listeria_monocytogenes_1639_v131	0.9653
Listeria_monocytogenes_1639_v141	Listeria_monocytogenes_1639_v131	0.9602
Listeria_monocytogenes_1639_v140	Listeria_monocytogenes_1639_v131	0.9656
Listeria_monocytogenes_1639_v13	Listeria_monocytogenes_1639_v131	0.9329
Listeria_monocytogenes_1639_v139	Listeria_monocytogenes_1639_v131	0.9649
Listeria_monocytogenes_1639_v138	Listeria_monocytogenes_1639_v131	0.9679
Listeria_monocytogenes_1639_v137	Listeria_monocytogenes_1639_v131	0.9676
Listeria_monocytogenes_1639_v136	Listeria_monocytogenes_1639_v131	0.9335
Listeria_monocytogenes_1639_v135	Listeria_monocytogenes_1639_v131	0.9239
Listeria_monocytogenes_1639_v134	Listeria_monocytogenes_1639_v131	0.959
Listeria_monocytogenes_1639_v133	Listeria_monocytogenes_1639_v131	0.9325
Listeria_monocytogenes_1639_v132	Listeria_monocytogenes_1639_v131	0.9243
Listeria_monocytogenes_1639_v131	Listeria_monocytogenes_1639_v131	0.0653
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v132	0.8684
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v132	0.8678
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v132	0.8712
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v132	0.8192
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v132	0.8174
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v132	0.8717
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v132	0.879
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v132	0.9166
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v132	0.9086
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v132	0.9226
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v132	0.9124
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v132	0.9094
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v132	0.9116
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v132	0.9059
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v132	0.918
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v132	0.9383
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v132	0.9
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v132	0.9231
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v132	0.8968
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v132	0.9231
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v132	0.9283
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v132	0.9207
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v132	0.9218
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v132	0.9225
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v132	0.9218
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v132	0.9266
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v132	0.9266
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v132	0.9225
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v132	0.9225
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v132	0.9225
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v132	0.9059
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v132	0.907
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v132	0.907
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v132	0.9119
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v132	0.9119
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v132	0.8939
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v132	0.8939
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v132	0.8984
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v132	0.8987
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v132	0.8988
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v132	0.9133
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v132	0.9133
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v132	0.8988
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v132	0.8999
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v132	0.8999
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v132	0.9201
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v132	0.9201
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v132	0.8945
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v132	0.8984

Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v132	0.916
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v132	0.916
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v132	0.9071
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v132	0.8988
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v132	0.8945
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v132	0.8945
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v132	0.8945
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v132	0.8988
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v132	0.8984
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v132	0.9004
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v132	0.8749
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v132	0.9244
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v132	0.9098
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v132	0.9251
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v132	0.9283
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v132	0.9106
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v132	0.9172
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v132	0.9165
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v132	0.9248
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v132	0.9053
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v132	0.9142
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v132	0.9128
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v132	0.9193
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v132	0.922
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v132	0.922
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v132	0.9131
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v132	0.9218
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v132	0.9215
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v132	0.9215
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v132	0.9044
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v132	0.8959
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v132	0.9121
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v132	0.9141
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v132	0.9178
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v132	0.9114
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v132	0.9114
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v132	0.9118
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v132	0.9006
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v132	0.9132
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v132	0.9194
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v132	0.9141
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v132	0.8909
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v132	0.9272
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v132	0.9079
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v132	0.9116
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v132	0.9109
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v132	0.9201
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v132	0.9103
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v132	0.9224
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v132	0.9217
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v132	0.9079
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v132	0.9163
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v132	0.8909
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v132	0.9059
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v132	0.9083
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v132	0.9035
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v132	0.9027
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v132	0.9251
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v132	0.9105
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v132	0.9055
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v132	0.9227
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v132	0.8954
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v132	0.9048
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v132	0.8902
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v132	0.9221
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v132	0.9191
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v132	0.9094
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v132	0.9074
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v132	0.9059
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v132	0.9051
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v132	0.907
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v132	0.9046
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v132	0.901
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v132	0.9127
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v132	0.8827
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v132	0.9156
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v132	0.9235
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v132	0.9073
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v132	0.9183
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v132	0.9114
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v132	0.9042
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v132	0.9071
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v132	0.9223
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v132	0.9187
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v132	0.8977
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v132	0.8925
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v132	0.9095
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v132	0.901
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v132	0.8996
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v132	0.9113
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v132	0.8922

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Listeria_monocytogenes_1639_v141	Listeria_monocytogenes_1639_v132	0.9229
Listeria_monocytogenes_1639_v140	Listeria_monocytogenes_1639_v132	0.9283
Listeria_monocytogenes_1639_v13	Listeria_monocytogenes_1639_v132	0.8973
Listeria_monocytogenes_1639_v139	Listeria_monocytogenes_1639_v132	0.9193
Listeria_monocytogenes_1639_v138	Listeria_monocytogenes_1639_v132	0.9276
Listeria_monocytogenes_1639_v137	Listeria_monocytogenes_1639_v132	0.9272
Listeria_monocytogenes_1639_v136	Listeria_monocytogenes_1639_v132	0.9126
Listeria_monocytogenes_1639_v135	Listeria_monocytogenes_1639_v132	0.9372
Listeria_monocytogenes_1639_v134	Listeria_monocytogenes_1639_v132	0.9174
Listeria_monocytogenes_1639_v133	Listeria_monocytogenes_1639_v132	0.9171
Listeria_monocytogenes_1639_v132	Listeria_monocytogenes_1639_v132	0.0617
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v133	0.8728
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v133	0.8725
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v133	0.8858
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v133	0.8258
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v133	0.8386
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v133	0.8846
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v133	0.8812
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v133	0.933
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v133	0.9534
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v133	0.9598
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v133	0.957
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v133	0.9358
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v133	0.9404
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v133	0.9544
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v133	0.934
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v133	0.9422
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v133	0.9477
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v133	0.9398
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v133	0.9369
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v133	0.9398
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v133	0.9435
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v133	0.9272
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v133	0.9283
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v133	0.9279
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v133	0.9283
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v133	0.939
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v133	0.939
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v133	0.9298
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v133	0.9298
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v133	0.9298
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v133	0.9563
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v133	0.9571
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v133	0.9571
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v133	0.934
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v133	0.934
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v133	0.9431
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v133	0.9431
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v133	0.9487
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v133	0.9484
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v133	0.9487
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v133	0.957
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v133	0.9574
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v133	0.9487
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v133	0.9495
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v133	0.9495
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v133	0.9657
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v133	0.9657
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v133	0.9445
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v133	0.9487
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v133	0.9535
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v133	0.9535
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v133	0.9577
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v133	0.9487
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v133	0.9445
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v133	0.9445
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v133	0.9445
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v133	0.9487
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v133	0.9487
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v133	0.9495
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v133	0.9104
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v133	0.9062
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v133	0.9504
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v133	0.9066
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v133	0.9435
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v133	0.932
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v133	0.9214
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v133	0.9616
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v133	0.9059
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v133	0.9537
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v133	0.9085
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v133	0.9467
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v133	0.9661
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v133	0.9571
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v133	0.9571
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v133	0.9577
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v133	0.9391
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v133	0.9361
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v133	0.9358
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v133	0.947
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v133	0.9312

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Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v133	0.9407
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v133	0.9436
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v133	0.9422
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v133	0.9426
Listeria_monocytogenes_1639_v192	Listeria_monocytogenes_1639_v133	0.9
Listeria_monocytogenes_1639_v191	Listeria_monocytogenes_1639_v133	0.9656
Listeria_monocytogenes_1639_v190	Listeria_monocytogenes_1639_v133	0.9668
Listeria_monocytogenes_1639_v18	Listeria_monocytogenes_1639_v133	0.9227
Listeria_monocytogenes_1639_v189	Listeria_monocytogenes_1639_v133	0.9657
Listeria_monocytogenes_1639_v188	Listeria_monocytogenes_1639_v133	0.9656
Listeria_monocytogenes_1639_v187	Listeria_monocytogenes_1639_v133	0.9668
Listeria_monocytogenes_1639_v186	Listeria_monocytogenes_1639_v133	0.9668
Listeria_monocytogenes_1639_v185	Listeria_monocytogenes_1639_v133	0.9672
Listeria_monocytogenes_1639_v184	Listeria_monocytogenes_1639_v133	0.9664
Listeria_monocytogenes_1639_v183	Listeria_monocytogenes_1639_v133	0.9672
Listeria_monocytogenes_1639_v182	Listeria_monocytogenes_1639_v133	0.9694
Listeria_monocytogenes_1639_v181	Listeria_monocytogenes_1639_v133	0.9205
Listeria_monocytogenes_1639_v180	Listeria_monocytogenes_1639_v133	0.9205
Listeria_monocytogenes_1639_v17	Listeria_monocytogenes_1639_v133	0.9231
Listeria_monocytogenes_1639_v179	Listeria_monocytogenes_1639_v133	0.9652
Listeria_monocytogenes_1639_v178	Listeria_monocytogenes_1639_v133	0.9653
Listeria_monocytogenes_1639_v177	Listeria_monocytogenes_1639_v133	0.9398
Listeria_monocytogenes_1639_v176	Listeria_monocytogenes_1639_v133	0.9372
Listeria_monocytogenes_1639_v175	Listeria_monocytogenes_1639_v133	0.9591
Listeria_monocytogenes_1639_v174	Listeria_monocytogenes_1639_v133	0.9676
Listeria_monocytogenes_1639_v173	Listeria_monocytogenes_1639_v133	0.9534
Listeria_monocytogenes_1639_v172	Listeria_monocytogenes_1639_v133	0.939
Listeria_monocytogenes_1639_v171	Listeria_monocytogenes_1639_v133	0.9552
Listeria_monocytogenes_1639_v170	Listeria_monocytogenes_1639_v133	0.9624
Listeria_monocytogenes_1639_v16	Listeria_monocytogenes_1639_v133	0.9352
Listeria_monocytogenes_1639_v169	Listeria_monocytogenes_1639_v133	0.9628
Listeria_monocytogenes_1639_v168	Listeria_monocytogenes_1639_v133	0.9592
Listeria_monocytogenes_1639_v167	Listeria_monocytogenes_1639_v133	0.9674
Listeria_monocytogenes_1639_v166	Listeria_monocytogenes_1639_v133	0.9596
Listeria_monocytogenes_1639_v165	Listeria_monocytogenes_1639_v133	0.9625
Listeria_monocytogenes_1639_v164	Listeria_monocytogenes_1639_v133	0.9393
Listeria_monocytogenes_1639_v163	Listeria_monocytogenes_1639_v133	0.9478
Listeria_monocytogenes_1639_v162	Listeria_monocytogenes_1639_v133	0.9393
Listeria_monocytogenes_1639_v161	Listeria_monocytogenes_1639_v133	0.9401
Listeria_monocytogenes_1639_v160	Listeria_monocytogenes_1639_v133	0.9397
Listeria_monocytogenes_1639_v15	Listeria_monocytogenes_1639_v133	0.9225
Listeria_monocytogenes_1639_v159	Listeria_monocytogenes_1639_v133	0.9398
Listeria_monocytogenes_1639_v158	Listeria_monocytogenes_1639_v133	0.9398
Listeria_monocytogenes_1639_v157	Listeria_monocytogenes_1639_v133	0.9398
Listeria_monocytogenes_1639_v156	Listeria_monocytogenes_1639_v133	0.9469
Listeria_monocytogenes_1639_v155	Listeria_monocytogenes_1639_v133	0.9672
Listeria_monocytogenes_1639_v154	Listeria_monocytogenes_1639_v133	0.9588
Listeria_monocytogenes_1639_v153	Listeria_monocytogenes_1639_v133	0.9583
Listeria_monocytogenes_1639_v152	Listeria_monocytogenes_1639_v133	0.9398
Listeria_monocytogenes_1639_v151	Listeria_monocytogenes_1639_v133	0.9398
Listeria_monocytogenes_1639_v150	Listeria_monocytogenes_1639_v133	0.9599
Listeria_monocytogenes_1639_v14	Listeria_monocytogenes_1639_v133	0.9234
Listeria_monocytogenes_1639_v149	Listeria_monocytogenes_1639_v133	0.9581
Listeria_monocytogenes_1639_v148	Listeria_monocytogenes_1639_v133	0.9391
Listeria_monocytogenes_1639_v147	Listeria_monocytogenes_1639_v133	0.9253
Listeria_monocytogenes_1639_v146	Listeria_monocytogenes_1639_v133	0.9707
Listeria_monocytogenes_1639_v145	Listeria_monocytogenes_1639_v133	0.9616
Listeria_monocytogenes_1639_v144	Listeria_monocytogenes_1639_v133	0.9428
Listeria_monocytogenes_1639_v143	Listeria_monocytogenes_1639_v133	0.9742
Listeria_monocytogenes_1639_v142	Listeria_monocytogenes_1639_v133	0.9432
Listeria_monocytogenes_1639_v141	Listeria_monocytogenes_1639_v133	0.9485
Listeria_monocytogenes_1639_v140	Listeria_monocytogenes_1639_v133	0.9439
Listeria_monocytogenes_1639_v13	Listeria_monocytogenes_1639_v133	0.9225
Listeria_monocytogenes_1639_v139	Listeria_monocytogenes_1639_v133	0.9367
Listeria_monocytogenes_1639_v138	Listeria_monocytogenes_1639_v133	0.9432
Listeria_monocytogenes_1639_v137	Listeria_monocytogenes_1639_v133	0.9428
Listeria_monocytogenes_1639_v136	Listeria_monocytogenes_1639_v133	0.9578
Listeria_monocytogenes_1639_v135	Listeria_monocytogenes_1639_v133	0.9182
Listeria_monocytogenes_1639_v134	Listeria_monocytogenes_1639_v133	0.9339
Listeria_monocytogenes_1639_v133	Listeria_monocytogenes_1639_v133	0.066
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v134	0.8876
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v134	0.8869
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v134	0.8825
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v134	0.8243
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v134	0.828
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v134	0.8936
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v134	0.8814
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v134	0.995
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v134	0.9255
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v134	0.936
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v134	0.9302
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v134	0.9455
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v134	0.9502
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v134	0.9264
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v134	0.9966
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v134	0.9397
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v134	0.9192
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v134	0.9927
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v134	0.9057
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v134	0.9927
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v134	0.9727

Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v134	0.9845
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v134	0.9856
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v134	0.9852
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v134	0.986
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v134	0.9727
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v134	0.9727
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v134	0.9864
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v134	0.9864
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v134	0.9864
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v134	0.9257
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v134	0.9268
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v134	0.9268
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v134	0.938
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v134	0.938
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v134	0.9118
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v134	0.9118
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v134	0.9172
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v134	0.9164
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v134	0.9175
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v134	0.9356
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v134	0.9356
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v134	0.9175
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v134	0.9179
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v134	0.9179
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v134	0.9429
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v134	0.9429
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v134	0.9131
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v134	0.9176
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v134	0.9228
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v134	0.9228
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v134	0.9265
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v134	0.9175
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v134	0.9131
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v134	0.9131
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v134	0.9131
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v134	0.9175
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v134	0.9172
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v134	0.9165
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v134	0.8908
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v134	0.9046
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v134	0.925
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v134	0.9053
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v134	0.9731
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v134	0.9492
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v134	0.9606
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v134	0.9235
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v134	0.9046
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v134	0.925
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v134	0.9191
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v134	0.9535
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v134	0.9424
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v134	0.9349
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v134	0.9353
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v134	0.9309
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v134	0.9728
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v134	0.9812
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v134	0.9812
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v134	0.9086
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v134	0.9244
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v134	0.9503
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v134	0.92
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v134	0.9643
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v134	0.9496
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v134	0.9496
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v134	0.9496
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v134	0.9228
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v134	0.95
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v134	0.9725
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v134	0.92
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v134	0.9078
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v134	0.96
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v134	0.924
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v134	0.919
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v134	0.9183
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v134	0.9838
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v134	0.9272
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v134	0.9697
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v134	0.969
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v134	0.9232
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v134	0.9458
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v134	0.9078
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v134	0.9211
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v134	0.9225
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v134	0.9294
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v134	0.9201
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v134	0.9053
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v134	0.9175
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v134	0.9206
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v134	0.9693
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v134	0.9065
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v134	0.923

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Listeria_monocytogenes_1639_v167	Listeria_monocytogenes_1639_v134	0.9308
Listeria_monocytogenes_1639_v166	Listeria_monocytogenes_1639_v134	0.939
Listeria_monocytogenes_1639_v165	Listeria_monocytogenes_1639_v134	0.9371
Listeria_monocytogenes_1639_v164	Listeria_monocytogenes_1639_v134	0.9919
Listeria_monocytogenes_1639_v163	Listeria_monocytogenes_1639_v134	0.9585
Listeria_monocytogenes_1639_v162	Listeria_monocytogenes_1639_v134	0.9919
Listeria_monocytogenes_1639_v161	Listeria_monocytogenes_1639_v134	0.9923
Listeria_monocytogenes_1639_v160	Listeria_monocytogenes_1639_v134	0.9919
Listeria_monocytogenes_1639_v15	Listeria_monocytogenes_1639_v134	0.9243
Listeria_monocytogenes_1639_v159	Listeria_monocytogenes_1639_v134	0.9693
Listeria_monocytogenes_1639_v158	Listeria_monocytogenes_1639_v134	0.9927
Listeria_monocytogenes_1639_v157	Listeria_monocytogenes_1639_v134	0.9927
Listeria_monocytogenes_1639_v156	Listeria_monocytogenes_1639_v134	0.9192
Listeria_monocytogenes_1639_v155	Listeria_monocytogenes_1639_v134	0.9319
Listeria_monocytogenes_1639_v154	Listeria_monocytogenes_1639_v134	0.9358
Listeria_monocytogenes_1639_v153	Listeria_monocytogenes_1639_v134	0.9326
Listeria_monocytogenes_1639_v152	Listeria_monocytogenes_1639_v134	0.9697
Listeria_monocytogenes_1639_v151	Listeria_monocytogenes_1639_v134	0.9697
Listeria_monocytogenes_1639_v150	Listeria_monocytogenes_1639_v134	0.9319
Listeria_monocytogenes_1639_v14	Listeria_monocytogenes_1639_v134	0.9311
Listeria_monocytogenes_1639_v149	Listeria_monocytogenes_1639_v134	0.9309
Listeria_monocytogenes_1639_v148	Listeria_monocytogenes_1639_v134	0.9682
Listeria_monocytogenes_1639_v147	Listeria_monocytogenes_1639_v134	0.9547
Listeria_monocytogenes_1639_v146	Listeria_monocytogenes_1639_v134	0.9468
Listeria_monocytogenes_1639_v145	Listeria_monocytogenes_1639_v134	0.9431
Listeria_monocytogenes_1639_v144	Listeria_monocytogenes_1639_v134	0.9723
Listeria_monocytogenes_1639_v143	Listeria_monocytogenes_1639_v134	0.9484
Listeria_monocytogenes_1639_v142	Listeria_monocytogenes_1639_v134	0.9727
Listeria_monocytogenes_1639_v141	Listeria_monocytogenes_1639_v134	0.9649
Listeria_monocytogenes_1639_v140	Listeria_monocytogenes_1639_v134	0.9731
Listeria_monocytogenes_1639_v13	Listeria_monocytogenes_1639_v134	0.9242
Listeria_monocytogenes_1639_v139	Listeria_monocytogenes_1639_v134	0.9689
Listeria_monocytogenes_1639_v138	Listeria_monocytogenes_1639_v134	0.9754
Listeria_monocytogenes_1639_v137	Listeria_monocytogenes_1639_v134	0.9754
Listeria_monocytogenes_1639_v136	Listeria_monocytogenes_1639_v134	0.9349
Listeria_monocytogenes_1639_v135	Listeria_monocytogenes_1639_v134	0.9188
Listeria_monocytogenes_1639_v134	Listeria_monocytogenes_1639_v134	0.067
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v135	0.8738
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v135	0.8735
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v135	0.8682
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v135	0.8167
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v135	0.8137
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v135	0.8641
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v135	0.8746
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v135	0.9184
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v135	0.9082
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v135	0.9206
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v135	0.9119
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v135	0.9036
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v135	0.9142
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v135	0.9088
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v135	0.9194
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v135	0.9418
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v135	0.9021
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v135	0.9219
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v135	0.8985
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v135	0.9219
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v135	0.9272
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v135	0.9218
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v135	0.9228
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v135	0.9232
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v135	0.9228
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v135	0.9216
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v135	0.9216
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v135	0.9236
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v135	0.9236
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v135	0.9236
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v135	0.9065
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v135	0.9069
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v135	0.9069
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v135	0.9144
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v135	0.9144
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v135	0.8937
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v135	0.8937
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v135	0.8975
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v135	0.8967
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v135	0.8975
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v135	0.9139
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v135	0.9143
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v135	0.8975
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v135	0.8986
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v135	0.8986
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v135	0.9204
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v135	0.9204
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v135	0.8939
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v135	0.8975
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v135	0.9144
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v135	0.9144
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v135	0.9066
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v135	0.8975
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v135	0.8939

Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v135	0.8939
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v135	0.8939
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v135	0.8975
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v135	0.8975
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v135	0.8965
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v135	0.8782
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v135	0.9748
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v135	0.913
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v135	0.9751
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v135	0.9272
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v135	0.9109
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v135	0.9156
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v135	0.9201
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v135	0.9744
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v135	0.9059
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v135	0.9088
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v135	0.9123
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v135	0.9235
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v135	0.9253
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v135	0.9253
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v135	0.9126
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v135	0.9213
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v135	0.9211
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v135	0.9207
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v135	0.9076
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v135	0.8954
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v135	0.9139
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v135	0.9182
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v135	0.9169
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v135	0.9117
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v135	0.9117
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v135	0.9124
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v135	0.8993
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v135	0.9139
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v135	0.9167
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v135	0.9182
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v135	0.8896
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v135	0.9241
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v135	0.9082
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v135	0.9112
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v135	0.9112
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v135	0.923
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v135	0.9136
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v135	0.9227
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v135	0.922
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v135	0.9108
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v135	0.9166
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v135	0.8896
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v135	0.9091
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v135	0.9094
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v135	0.9082
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v135	0.9033
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v135	0.9751
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v135	0.9085
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v135	0.9079
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v135	0.9208
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v135	0.8959
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v135	0.9043
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v135	0.8893
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v135	0.9228
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v135	0.9243
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v135	0.9078
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v135	0.9099
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v135	0.908
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v135	0.9143
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v135	0.9053
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v135	0.9067
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v135	0.9013
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v135	0.9153
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v135	0.8814
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v135	0.9126
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v135	0.9235
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v135	0.9091
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v135	0.9167
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v135	0.9139
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v135	0.904
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v135	0.9149
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v135	0.9185
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v135	0.9198
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v135	0.8964
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v135	0.8931
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v135	0.9121
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v135	0.903
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v135	0.8976
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v135	0.9161
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v135	0.8894
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v135	0.8975
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v135	0.8975
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v135	0.9073
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v135	0.8909
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v135	0.9066

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Listeria_monocytogenes_1639_v189	Listeria_monocytogenes_1639_v136	0.9627
Listeria_monocytogenes_1639_v188	Listeria_monocytogenes_1639_v136	0.9622
Listeria_monocytogenes_1639_v187	Listeria_monocytogenes_1639_v136	0.9638
Listeria_monocytogenes_1639_v186	Listeria_monocytogenes_1639_v136	0.9634
Listeria_monocytogenes_1639_v185	Listeria_monocytogenes_1639_v136	0.9638
Listeria_monocytogenes_1639_v184	Listeria_monocytogenes_1639_v136	0.9634
Listeria_monocytogenes_1639_v183	Listeria_monocytogenes_1639_v136	0.9611
Listeria_monocytogenes_1639_v182	Listeria_monocytogenes_1639_v136	0.9634
Listeria_monocytogenes_1639_v181	Listeria_monocytogenes_1639_v136	0.9201
Listeria_monocytogenes_1639_v180	Listeria_monocytogenes_1639_v136	0.9201
Listeria_monocytogenes_1639_v17	Listeria_monocytogenes_1639_v136	0.9174
Listeria_monocytogenes_1639_v179	Listeria_monocytogenes_1639_v136	0.9513
Listeria_monocytogenes_1639_v178	Listeria_monocytogenes_1639_v136	0.9631
Listeria_monocytogenes_1639_v177	Listeria_monocytogenes_1639_v136	0.9416
Listeria_monocytogenes_1639_v176	Listeria_monocytogenes_1639_v136	0.9336
Listeria_monocytogenes_1639_v175	Listeria_monocytogenes_1639_v136	0.9699
Listeria_monocytogenes_1639_v174	Listeria_monocytogenes_1639_v136	0.9624
Listeria_monocytogenes_1639_v173	Listeria_monocytogenes_1639_v136	0.9497
Listeria_monocytogenes_1639_v172	Listeria_monocytogenes_1639_v136	0.9354
Listeria_monocytogenes_1639_v171	Listeria_monocytogenes_1639_v136	0.9512
Listeria_monocytogenes_1639_v170	Listeria_monocytogenes_1639_v136	0.9595
Listeria_monocytogenes_1639_v16	Listeria_monocytogenes_1639_v136	0.9372
Listeria_monocytogenes_1639_v169	Listeria_monocytogenes_1639_v136	0.9844
Listeria_monocytogenes_1639_v168	Listeria_monocytogenes_1639_v136	0.957
Listeria_monocytogenes_1639_v167	Listeria_monocytogenes_1639_v136	0.9534
Listeria_monocytogenes_1639_v166	Listeria_monocytogenes_1639_v136	0.9574
Listeria_monocytogenes_1639_v165	Listeria_monocytogenes_1639_v136	0.9844
Listeria_monocytogenes_1639_v164	Listeria_monocytogenes_1639_v136	0.9395
Listeria_monocytogenes_1639_v163	Listeria_monocytogenes_1639_v136	0.9423
Listeria_monocytogenes_1639_v162	Listeria_monocytogenes_1639_v136	0.9395
Listeria_monocytogenes_1639_v161	Listeria_monocytogenes_1639_v136	0.9403
Listeria_monocytogenes_1639_v160	Listeria_monocytogenes_1639_v136	0.94
Listeria_monocytogenes_1639_v15	Listeria_monocytogenes_1639_v136	0.9276
Listeria_monocytogenes_1639_v159	Listeria_monocytogenes_1639_v136	0.9416
Listeria_monocytogenes_1639_v158	Listeria_monocytogenes_1639_v136	0.94
Listeria_monocytogenes_1639_v157	Listeria_monocytogenes_1639_v136	0.94
Listeria_monocytogenes_1639_v156	Listeria_monocytogenes_1639_v136	0.9418
Listeria_monocytogenes_1639_v155	Listeria_monocytogenes_1639_v136	0.954
Listeria_monocytogenes_1639_v154	Listeria_monocytogenes_1639_v136	0.9681
Listeria_monocytogenes_1639_v153	Listeria_monocytogenes_1639_v136	0.9513
Listeria_monocytogenes_1639_v152	Listeria_monocytogenes_1639_v136	0.9416
Listeria_monocytogenes_1639_v151	Listeria_monocytogenes_1639_v136	0.9416
Listeria_monocytogenes_1639_v150	Listeria_monocytogenes_1639_v136	0.9673
Listeria_monocytogenes_1639_v14	Listeria_monocytogenes_1639_v136	0.9215
Listeria_monocytogenes_1639_v149	Listeria_monocytogenes_1639_v136	0.9658
Listeria_monocytogenes_1639_v148	Listeria_monocytogenes_1639_v136	0.9405
Listeria_monocytogenes_1639_v147	Listeria_monocytogenes_1639_v136	0.9271
Listeria_monocytogenes_1639_v146	Listeria_monocytogenes_1639_v136	0.9617
Listeria_monocytogenes_1639_v145	Listeria_monocytogenes_1639_v136	0.9572
Listeria_monocytogenes_1639_v144	Listeria_monocytogenes_1639_v136	0.9426
Listeria_monocytogenes_1639_v143	Listeria_monocytogenes_1639_v136	0.9682
Listeria_monocytogenes_1639_v142	Listeria_monocytogenes_1639_v136	0.943
Listeria_monocytogenes_1639_v141	Listeria_monocytogenes_1639_v136	0.949
Listeria_monocytogenes_1639_v140	Listeria_monocytogenes_1639_v136	0.9437
Listeria_monocytogenes_1639_v13	Listeria_monocytogenes_1639_v136	0.9276
Listeria_monocytogenes_1639_v139	Listeria_monocytogenes_1639_v136	0.9385
Listeria_monocytogenes_1639_v138	Listeria_monocytogenes_1639_v136	0.9449
Listeria_monocytogenes_1639_v137	Listeria_monocytogenes_1639_v136	0.9445
Listeria_monocytogenes_1639_v136	Listeria_monocytogenes_1639_v136	0.0648
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v137	0.8875
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v137	0.8872
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v137	0.8921
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v137	0.8323
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v137	0.8322
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v137	0.8986
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v137	0.8897
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v137	0.9743
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v137	0.9405
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v137	0.9453
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v137	0.9452
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v137	0.9559
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v137	0.9542
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v137	0.9352
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v137	0.9755
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v137	0.9504
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v137	0.9278
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v137	0.9819
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v137	0.9211
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v137	0.9819
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v137	0.995
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v137	0.964
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v137	0.9651
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v137	0.9658
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v137	0.9655
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v137	0.983
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v137	0.983
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v137	0.9655
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v137	0.9655
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v137	0.9655
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v137	0.9344
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v137	0.9352

Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v137	0.9352
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v137	0.9479
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v137	0.9479
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v137	0.926
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v137	0.926
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v137	0.9315
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v137	0.9303
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v137	0.9315
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v137	0.9449
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v137	0.9449
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v137	0.9315
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v137	0.9322
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v137	0.9322
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v137	0.9558
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v137	0.9558
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v137	0.9273
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v137	0.9319
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v137	0.938
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v137	0.938
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v137	0.941
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v137	0.9315
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v137	0.9273
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v137	0.9273
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v137	0.9273
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v137	0.9315
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v137	0.9315
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v137	0.9308
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v137	0.8999
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v137	0.9132
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v137	0.9338
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v137	0.9135
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v137	0.9954
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v137	0.9588
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v137	0.9548
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v137	0.9353
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v137	0.9128
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v137	0.9338
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v137	0.9237
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v137	0.9598
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v137	0.9554
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v137	0.9427
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v137	0.943
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v137	0.9459
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v137	0.9827
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v137	0.975
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v137	0.9746
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v137	0.9176
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v137	0.9304
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v137	0.9603
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v137	0.9326
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v137	0.9699
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v137	0.9592
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v137	0.9592
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v137	0.96
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v137	0.9303
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v137	0.96
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v137	0.9629
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v137	0.9326
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v137	0.9201
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v137	0.9694
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v137	0.9362
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v137	0.9334
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v137	0.933
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v137	0.9632
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v137	0.9414
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v137	0.9635
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v137	0.9628
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v137	0.9354
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v137	0.9524
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v137	0.9201
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v137	0.9336
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v137	0.9347
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v137	0.9344
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v137	0.9288
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v137	0.9135
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v137	0.9319
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v137	0.9289
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v137	0.9627
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v137	0.92
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v137	0.9313
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v137	0.9197
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v137	0.9651
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v137	0.9392
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v137	0.9517
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v137	0.9404
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v137	0.9347
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v137	0.9347
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v137	0.9486
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v137	0.9312
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v137	0.9343
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v137	0.9373

Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v13	0.9197
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v13	0.9161
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v13	0.9161
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v13	0.9161
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v13	0.9197
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v13	0.9193
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v13	0.9248
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v13	0.8774
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v13	0.9017
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v13	0.9309
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v13	0.9024
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v13	0.9313
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v13	0.9218
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v13	0.9298
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v13	0.9229
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v13	0.9017
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v13	0.9232
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v13	0.8821
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v13	0.9418
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v13	0.9214
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v13	0.9266
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v13	0.9269
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v13	0.9248
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v13	0.9319
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v13	0.9254
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v13	0.9253
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v13	0.9254
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v13	0.9538
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v13	0.9306
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v13	0.9202
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v13	0.9231
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v13	0.931
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v13	0.931
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v13	0.931
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v13	0.9258
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v13	0.9313
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v13	0.9341
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v13	0.9202
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v13	0.9149
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v13	0.9357
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v13	0.923
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v13	0.9269
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v13	0.9262
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v13	0.929
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v13	0.9235
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v13	0.932
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v13	0.9317
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v13	0.9233
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v13	0.9645
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v13	0.9149
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v13	0.9198
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v13	0.9241
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v13	0.9106
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v13	0.9196
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v13	0.9024
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v13	0.9149
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v13	0.9367
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v13	0.9261
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v13	0.913
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v13	0.9271
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v13	0.9142
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v13	0.9292
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v13	0.9196
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v13	0.9394
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v13	0.9236
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v13	0.9307
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v13	0.9179
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v13	0.9593
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v13	0.9218
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v13	0.9212
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v13	0.916
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v13	0.9559
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v13	0.9269
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v13	0.9313
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v13	0.9378
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v13	0.9225
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v13	0.9319
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v13	0.8974
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v13	0.9083
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v13	0.9341
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v13	0.9335
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v13	0.9186
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v13	0.9691
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v13	0.919
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v13	0.9251
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v13	0.9175
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v13	0.912
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v13	0.9173
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v13	0.9197
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v13	0.9197
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v13	0.9014

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Listeria_monocytogenes_1639_v186	Listeria_monocytogenes_1639_v140	0.9557
Listeria_monocytogenes_1639_v185	Listeria_monocytogenes_1639_v140	0.9557
Listeria_monocytogenes_1639_v184	Listeria_monocytogenes_1639_v140	0.9545
Listeria_monocytogenes_1639_v183	Listeria_monocytogenes_1639_v140	0.9529
Listeria_monocytogenes_1639_v182	Listeria_monocytogenes_1639_v140	0.9552
Listeria_monocytogenes_1639_v181	Listeria_monocytogenes_1639_v140	0.9411
Listeria_monocytogenes_1639_v180	Listeria_monocytogenes_1639_v140	0.9411
Listeria_monocytogenes_1639_v17	Listeria_monocytogenes_1639_v140	0.9484
Listeria_monocytogenes_1639_v179	Listeria_monocytogenes_1639_v140	0.94
Listeria_monocytogenes_1639_v178	Listeria_monocytogenes_1639_v140	0.9537
Listeria_monocytogenes_1639_v177	Listeria_monocytogenes_1639_v140	0.9776
Listeria_monocytogenes_1639_v176	Listeria_monocytogenes_1639_v140	0.9485
Listeria_monocytogenes_1639_v175	Listeria_monocytogenes_1639_v140	0.9438
Listeria_monocytogenes_1639_v174	Listeria_monocytogenes_1639_v140	0.9557
Listeria_monocytogenes_1639_v173	Listeria_monocytogenes_1639_v140	0.9713
Listeria_monocytogenes_1639_v172	Listeria_monocytogenes_1639_v140	0.9463
Listeria_monocytogenes_1639_v171	Listeria_monocytogenes_1639_v140	0.9407
Listeria_monocytogenes_1639_v170	Listeria_monocytogenes_1639_v140	0.949
Listeria_monocytogenes_1639_v16	Listeria_monocytogenes_1639_v140	0.9158
Listeria_monocytogenes_1639_v169	Listeria_monocytogenes_1639_v140	0.9514
Listeria_monocytogenes_1639_v168	Listeria_monocytogenes_1639_v140	0.9496
Listeria_monocytogenes_1639_v167	Listeria_monocytogenes_1639_v140	0.9417
Listeria_monocytogenes_1639_v166	Listeria_monocytogenes_1639_v140	0.95
Listeria_monocytogenes_1639_v165	Listeria_monocytogenes_1639_v140	0.9514
Listeria_monocytogenes_1639_v164	Listeria_monocytogenes_1639_v140	0.9791
Listeria_monocytogenes_1639_v163	Listeria_monocytogenes_1639_v140	0.9675
Listeria_monocytogenes_1639_v162	Listeria_monocytogenes_1639_v140	0.9791
Listeria_monocytogenes_1639_v161	Listeria_monocytogenes_1639_v140	0.9803
Listeria_monocytogenes_1639_v160	Listeria_monocytogenes_1639_v140	0.9799
Listeria_monocytogenes_1639_v15	Listeria_monocytogenes_1639_v140	0.9313
Listeria_monocytogenes_1639_v159	Listeria_monocytogenes_1639_v140	0.978
Listeria_monocytogenes_1639_v158	Listeria_monocytogenes_1639_v140	0.9799
Listeria_monocytogenes_1639_v157	Listeria_monocytogenes_1639_v140	0.9795
Listeria_monocytogenes_1639_v156	Listeria_monocytogenes_1639_v140	0.9321
Listeria_monocytogenes_1639_v155	Listeria_monocytogenes_1639_v140	0.9462
Listeria_monocytogenes_1639_v154	Listeria_monocytogenes_1639_v140	0.9485
Listeria_monocytogenes_1639_v153	Listeria_monocytogenes_1639_v140	0.9469
Listeria_monocytogenes_1639_v152	Listeria_monocytogenes_1639_v140	0.978
Listeria_monocytogenes_1639_v151	Listeria_monocytogenes_1639_v140	0.978
Listeria_monocytogenes_1639_v150	Listeria_monocytogenes_1639_v140	0.9454
Listeria_monocytogenes_1639_v14	Listeria_monocytogenes_1639_v140	0.9379
Listeria_monocytogenes_1639_v149	Listeria_monocytogenes_1639_v140	0.9443
Listeria_monocytogenes_1639_v148	Listeria_monocytogenes_1639_v140	0.9769
Listeria_monocytogenes_1639_v147	Listeria_monocytogenes_1639_v140	0.9624
Listeria_monocytogenes_1639_v146	Listeria_monocytogenes_1639_v140	0.9566
Listeria_monocytogenes_1639_v145	Listeria_monocytogenes_1639_v140	0.9505
Listeria_monocytogenes_1639_v144	Listeria_monocytogenes_1639_v140	0.9988
Listeria_monocytogenes_1639_v143	Listeria_monocytogenes_1639_v140	0.9535
Listeria_monocytogenes_1639_v142	Listeria_monocytogenes_1639_v140	0.9992
Listeria_monocytogenes_1639_v141	Listeria_monocytogenes_1639_v140	0.9721
Listeria_monocytogenes_1639_v140	Listeria_monocytogenes_1639_v140	0.0662
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v141	0.8854
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v141	0.8847
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v141	0.8982
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v141	0.8335
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v141	0.8385
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v141	0.9015
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v141	0.8894
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v141	0.9639
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v141	0.945
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v141	0.9514
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v141	0.9489
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v141	0.9596
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v141	0.9644
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v141	0.9431
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v141	0.965
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v141	0.9499
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v141	0.9356
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v141	0.971
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v141	0.9264
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v141	0.971
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v141	0.9717
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v141	0.9544
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v141	0.9555
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v141	0.9566
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v141	0.9559
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v141	0.9695
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v141	0.9695
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v141	0.9566
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v141	0.9566
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v141	0.9566
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v141	0.9427
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v141	0.9438
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v141	0.9438
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v141	0.9543
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v141	0.9543
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v141	0.9307
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v141	0.9307
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v141	0.9363
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v141	0.9355
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v141	0.9367

Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v141	0.9498
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v141	0.9494
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v141	0.9367
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v141	0.937
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v141	0.937
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v141	0.9592
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v141	0.9592
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v141	0.9321
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v141	0.9367
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v141	0.9429
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v141	0.9429
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v141	0.9455
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v141	0.9367
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v141	0.9321
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v141	0.9321
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v141	0.9321
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v141	0.9367
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v141	0.9363
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v141	0.9352
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v141	0.9034
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v141	0.9104
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v141	0.942
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v141	0.9111
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v141	0.9721
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v141	0.9519
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v141	0.9461
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v141	0.9393
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v141	0.9104
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v141	0.9412
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v141	0.9189
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v141	0.9662
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v141	0.9604
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v141	0.9502
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v141	0.9506
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v141	0.9497
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v141	0.9722
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v141	0.9649
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v141	0.9649
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v141	0.9238
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v141	0.9382
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v141	0.9527
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v141	0.9378
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v141	0.9603
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v141	0.9523
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v141	0.9523
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v141	0.9527
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v141	0.9366
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v141	0.9531
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v141	0.9537
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v141	0.9378
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v141	0.9248
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v141	0.9647
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v141	0.9425
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v141	0.939
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v141	0.9382
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v141	0.9541
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v141	0.9451
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v141	0.9554
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v141	0.9551
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v141	0.9425
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v141	0.9588
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v141	0.9248
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v141	0.9408
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v141	0.9418
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v141	0.9431
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v141	0.9339
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v141	0.9111
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v141	0.9363
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v141	0.9378
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v141	0.9535
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v141	0.924
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v141	0.9395
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v141	0.9241
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v141	0.9559
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v141	0.9452
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v141	0.9581
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v141	0.9456
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v141	0.9399
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v141	0.9365
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v141	0.9542
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v141	0.9397
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v141	0.9398
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v141	0.9402
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v141	0.9182
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v141	0.955
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v141	0.9604
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v141	0.9484
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v141	0.955
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v141	0.9452
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v141	0.9287
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v141	0.9402

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Listeria_monocytogenes_1639_v14	Listeria_monocytogenes_1639_v141	0.9449
Listeria_monocytogenes_1639_v149	Listeria_monocytogenes_1639_v141	0.9497
Listeria_monocytogenes_1639_v148	Listeria_monocytogenes_1639_v141	0.9695
Listeria_monocytogenes_1639_v147	Listeria_monocytogenes_1639_v141	0.9548
Listeria_monocytogenes_1639_v146	Listeria_monocytogenes_1639_v141	0.9616
Listeria_monocytogenes_1639_v145	Listeria_monocytogenes_1639_v141	0.9512
Listeria_monocytogenes_1639_v144	Listeria_monocytogenes_1639_v141	0.9714
Listeria_monocytogenes_1639_v143	Listeria_monocytogenes_1639_v141	0.9581
Listeria_monocytogenes_1639_v142	Listeria_monocytogenes_1639_v141	0.9717
Listeria_monocytogenes_1639_v141	Listeria_monocytogenes_1639_v141	0.0659
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v142	0.8863
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v142	0.8856
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v142	0.8905
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v142	0.833
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v142	0.8311
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v142	0.8966
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v142	0.8888
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v142	0.9716
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v142	0.9382
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v142	0.943
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v142	0.9429
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v142	0.9532
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v142	0.9534
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v142	0.9333
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v142	0.9728
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v142	0.9504
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v142	0.9259
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v142	0.9791
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v142	0.9184
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v142	0.9791
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v142	0.9988
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v142	0.9609
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v142	0.962
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v142	0.9631
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v142	0.9624
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v142	0.9815
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v142	0.9815
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v142	0.9628
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v142	0.9628
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v142	0.9628
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v142	0.9325
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v142	0.9337
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v142	0.9337
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v142	0.946
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v142	0.946
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v142	0.9233
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v142	0.9233
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v142	0.9289
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v142	0.9281
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v142	0.9292
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v142	0.9437
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v142	0.9433
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v142	0.9292
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v142	0.9296
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v142	0.9296
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v142	0.9531
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v142	0.9531
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v142	0.9247
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v142	0.9292
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v142	0.9353
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v142	0.9353
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v142	0.9384
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v142	0.9292
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v142	0.9247
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v142	0.9247
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v142	0.9247
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v142	0.9292
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v142	0.9289
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v142	0.9282
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v142	0.898
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v142	0.9151
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v142	0.9319
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v142	0.9158
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v142	0.9992
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v142	0.9569
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v142	0.9525
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v142	0.9357
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v142	0.915
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v142	0.9319
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v142	0.9225
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v142	0.9567
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v142	0.9538
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v142	0.9411
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v142	0.9415
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v142	0.9436
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v142	0.9803
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v142	0.9727
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v142	0.9727
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v142	0.9153
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v142	0.9275
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v142	0.958

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Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v142	0.9507
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v142	0.9512
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v142	0.9512
Listeria_monocytogenes_1639_v192	Listeria_monocytogenes_1639_v142	0.915
Listeria_monocytogenes_1639_v191	Listeria_monocytogenes_1639_v142	0.9568
Listeria_monocytogenes_1639_v190	Listeria_monocytogenes_1639_v142	0.9549
Listeria_monocytogenes_1639_v18	Listeria_monocytogenes_1639_v142	0.9477
Listeria_monocytogenes_1639_v189	Listeria_monocytogenes_1639_v142	0.9542
Listeria_monocytogenes_1639_v188	Listeria_monocytogenes_1639_v142	0.9579
Listeria_monocytogenes_1639_v187	Listeria_monocytogenes_1639_v142	0.9545
Listeria_monocytogenes_1639_v186	Listeria_monocytogenes_1639_v142	0.9553
Listeria_monocytogenes_1639_v185	Listeria_monocytogenes_1639_v142	0.9549
Listeria_monocytogenes_1639_v184	Listeria_monocytogenes_1639_v142	0.9541
Listeria_monocytogenes_1639_v183	Listeria_monocytogenes_1639_v142	0.9526
Listeria_monocytogenes_1639_v182	Listeria_monocytogenes_1639_v142	0.9544
Listeria_monocytogenes_1639_v181	Listeria_monocytogenes_1639_v142	0.9404
Listeria_monocytogenes_1639_v180	Listeria_monocytogenes_1639_v142	0.9404
Listeria_monocytogenes_1639_v17	Listeria_monocytogenes_1639_v142	0.9477
Listeria_monocytogenes_1639_v179	Listeria_monocytogenes_1639_v142	0.9396
Listeria_monocytogenes_1639_v178	Listeria_monocytogenes_1639_v142	0.9534
Listeria_monocytogenes_1639_v177	Listeria_monocytogenes_1639_v142	0.9773
Listeria_monocytogenes_1639_v176	Listeria_monocytogenes_1639_v142	0.9481
Listeria_monocytogenes_1639_v175	Listeria_monocytogenes_1639_v142	0.9434
Listeria_monocytogenes_1639_v174	Listeria_monocytogenes_1639_v142	0.9554
Listeria_monocytogenes_1639_v173	Listeria_monocytogenes_1639_v142	0.9709
Listeria_monocytogenes_1639_v172	Listeria_monocytogenes_1639_v142	0.9456
Listeria_monocytogenes_1639_v171	Listeria_monocytogenes_1639_v142	0.94
Listeria_monocytogenes_1639_v170	Listeria_monocytogenes_1639_v142	0.9483
Listeria_monocytogenes_1639_v16	Listeria_monocytogenes_1639_v142	0.9155
Listeria_monocytogenes_1639_v169	Listeria_monocytogenes_1639_v142	0.9507
Listeria_monocytogenes_1639_v168	Listeria_monocytogenes_1639_v142	0.9492
Listeria_monocytogenes_1639_v167	Listeria_monocytogenes_1639_v142	0.9413
Listeria_monocytogenes_1639_v166	Listeria_monocytogenes_1639_v142	0.9496
Listeria_monocytogenes_1639_v165	Listeria_monocytogenes_1639_v142	0.9507
Listeria_monocytogenes_1639_v164	Listeria_monocytogenes_1639_v142	0.9783
Listeria_monocytogenes_1639_v163	Listeria_monocytogenes_1639_v142	0.9676
Listeria_monocytogenes_1639_v162	Listeria_monocytogenes_1639_v142	0.9783
Listeria_monocytogenes_1639_v161	Listeria_monocytogenes_1639_v142	0.9795
Listeria_monocytogenes_1639_v160	Listeria_monocytogenes_1639_v142	0.9799
Listeria_monocytogenes_1639_v15	Listeria_monocytogenes_1639_v142	0.9306
Listeria_monocytogenes_1639_v159	Listeria_monocytogenes_1639_v142	0.9773
Listeria_monocytogenes_1639_v158	Listeria_monocytogenes_1639_v142	0.9795
Listeria_monocytogenes_1639_v157	Listeria_monocytogenes_1639_v142	0.9791
Listeria_monocytogenes_1639_v156	Listeria_monocytogenes_1639_v142	0.9314
Listeria_monocytogenes_1639_v155	Listeria_monocytogenes_1639_v142	0.9458
Listeria_monocytogenes_1639_v154	Listeria_monocytogenes_1639_v142	0.9481
Listeria_monocytogenes_1639_v153	Listeria_monocytogenes_1639_v142	0.9465
Listeria_monocytogenes_1639_v152	Listeria_monocytogenes_1639_v142	0.9776
Listeria_monocytogenes_1639_v151	Listeria_monocytogenes_1639_v142	0.9776
Listeria_monocytogenes_1639_v150	Listeria_monocytogenes_1639_v142	0.9446
Listeria_monocytogenes_1639_v14	Listeria_monocytogenes_1639_v142	0.9375
Listeria_monocytogenes_1639_v149	Listeria_monocytogenes_1639_v142	0.9436
Listeria_monocytogenes_1639_v148	Listeria_monocytogenes_1639_v142	0.9761
Listeria_monocytogenes_1639_v147	Listeria_monocytogenes_1639_v142	0.9617
Listeria_monocytogenes_1639_v146	Listeria_monocytogenes_1639_v142	0.9562
Listeria_monocytogenes_1639_v145	Listeria_monocytogenes_1639_v142	0.9502
Listeria_monocytogenes_1639_v144	Listeria_monocytogenes_1639_v142	0.9988
Listeria_monocytogenes_1639_v143	Listeria_monocytogenes_1639_v142	0.9532
Listeria_monocytogenes_1639_v142	Listeria_monocytogenes_1639_v142	0.0653
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v143	0.878
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v143	0.8774
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v143	0.8908
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v143	0.8213
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v143	0.8363
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v143	0.8946
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v143	0.8837
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v143	0.9471
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v143	0.9564
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v143	0.9672
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v143	0.9608
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v143	0.9448
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v143	0.9472
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v143	0.9545
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v143	0.9485
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v143	0.948
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v143	0.9477
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v143	0.9544
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v143	0.9373
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v143	0.9544
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v143	0.9535
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v143	0.9373
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v143	0.9384
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v143	0.9384
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v143	0.9384
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v143	0.9494
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v143	0.9494
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v143	0.9388
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v143	0.9388
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v143	0.9388
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v143	0.9537
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v143	0.9544

Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v143	0.9548
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v143	0.9373
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v143	0.9373
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v143	0.9371
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v143	0.9371
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v143	0.9431
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v143	0.9423
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v143	0.9435
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v143	0.969
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v143	0.969
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v143	0.9435
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v143	0.9438
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v143	0.9438
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v143	0.9748
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v143	0.9748
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v143	0.9385
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v143	0.9431
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v143	0.9535
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v143	0.9535
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v143	0.9532
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v143	0.9435
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v143	0.9385
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v143	0.9385
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v143	0.9385
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v143	0.9435
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v143	0.9431
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v143	0.9428
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v143	0.9172
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v143	0.9116
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v143	0.953
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v143	0.9123
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v143	0.9535
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v143	0.9322
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v143	0.928
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v143	0.9568
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v143	0.9119
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v143	0.953
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v143	0.9159
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v143	0.9528
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v143	0.9736
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v143	0.9629
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v143	0.9629
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v143	0.9616
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v143	0.9518
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v143	0.948
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v143	0.948
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v143	0.9436
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v143	0.9236
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v143	0.933
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v143	0.9465
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v143	0.9428
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v143	0.9323
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v143	0.9323
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v143	0.9323
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v143	0.9555
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v143	0.9327
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v143	0.9352
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v143	0.9465
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v143	0.9322
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v143	0.9425
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v143	0.9544
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v143	0.9488
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v143	0.9485
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v143	0.9366
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v143	0.9588
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v143	0.9368
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v143	0.9361
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v143	0.9536
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v143	0.9432
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v143	0.9322
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v143	0.9514
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v143	0.9529
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v143	0.958
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v143	0.9517
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v143	0.9123
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v143	0.9481
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v143	0.9484
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v143	0.9356
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v143	0.9406
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v143	0.9509
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v143	0.9315
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v143	0.9388
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v143	0.9577
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v143	0.9429
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v143	0.964
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v143	0.9463
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v143	0.9571
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v143	0.938
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v143	0.9492
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v143	0.9463
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v143	0.9589

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Listeria_monocytogenes_1639_v157	Listeria_monocytogenes_1639_v143	0.9544
Listeria_monocytogenes_1639_v156	Listeria_monocytogenes_1639_v143	0.9503
Listeria_monocytogenes_1639_v155	Listeria_monocytogenes_1639_v143	0.96
Listeria_monocytogenes_1639_v154	Listeria_monocytogenes_1639_v143	0.9627
Listeria_monocytogenes_1639_v153	Listeria_monocytogenes_1639_v143	0.9607
Listeria_monocytogenes_1639_v152	Listeria_monocytogenes_1639_v143	0.9517
Listeria_monocytogenes_1639_v151	Listeria_monocytogenes_1639_v143	0.9517
Listeria_monocytogenes_1639_v150	Listeria_monocytogenes_1639_v143	0.9634
Listeria_monocytogenes_1639_v14	Listeria_monocytogenes_1639_v143	0.9292
Listeria_monocytogenes_1639_v149	Listeria_monocytogenes_1639_v143	0.9616
Listeria_monocytogenes_1639_v148	Listeria_monocytogenes_1639_v143	0.9503
Listeria_monocytogenes_1639_v147	Listeria_monocytogenes_1639_v143	0.9366
Listeria_monocytogenes_1639_v146	Listeria_monocytogenes_1639_v143	0.9779
Listeria_monocytogenes_1639_v145	Listeria_monocytogenes_1639_v143	0.9745
Listeria_monocytogenes_1639_v144	Listeria_monocytogenes_1639_v143	0.9528
Listeria_monocytogenes_1639_v143	Listeria_monocytogenes_1639_v143	0.0694
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v144	0.8859
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v144	0.8852
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v144	0.8901
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v144	0.833
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v144	0.8311
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v144	0.8962
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v144	0.8885
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v144	0.9713
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v144	0.9378
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v144	0.9426
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v144	0.9425
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v144	0.9529
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v144	0.953
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v144	0.9329
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v144	0.9724
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v144	0.95
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v144	0.9256
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v144	0.9788
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v144	0.918
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v144	0.9788
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v144	0.9985
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v144	0.9605
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v144	0.9617
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v144	0.9628
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v144	0.962
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v144	0.9811
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v144	0.9811
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v144	0.9624
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v144	0.9624
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v144	0.9624
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v144	0.9321
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v144	0.9333
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v144	0.9333
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v144	0.9457
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v144	0.9457
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v144	0.9233
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v144	0.9233
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v144	0.9289
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v144	0.9281
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v144	0.9292
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v144	0.9433
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v144	0.943
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v144	0.9292
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v144	0.9296
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v144	0.9296
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v144	0.9527
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v144	0.9527
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v144	0.9247
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v144	0.9292
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v144	0.935
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v144	0.935
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v144	0.9384
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v144	0.9292
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v144	0.9247
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v144	0.9247
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v144	0.9247
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v144	0.9292
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v144	0.9289
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v144	0.9282
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v144	0.8984
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v144	0.9147
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v144	0.9315
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v144	0.9154
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v144	0.9988
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v144	0.9565
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v144	0.9522
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v144	0.9353
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v144	0.9147
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v144	0.9315
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v144	0.9221
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v144	0.9563
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v144	0.9534
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v144	0.9407
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v144	0.9411
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v144	0.9432

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Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v144	0.9404
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v144	0.9083
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v144	0.94
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v144	0.9019
Listeria_monocytogenes_1639_v197	Listeria_monocytogenes_1639_v144	0.9286
Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v144	0.9259
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v144	0.9503
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v144	0.9508
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v144	0.9508
Listeria_monocytogenes_1639_v192	Listeria_monocytogenes_1639_v144	0.9146
Listeria_monocytogenes_1639_v191	Listeria_monocytogenes_1639_v144	0.9564
Listeria_monocytogenes_1639_v190	Listeria_monocytogenes_1639_v144	0.9545
Listeria_monocytogenes_1639_v18	Listeria_monocytogenes_1639_v144	0.9473
Listeria_monocytogenes_1639_v189	Listeria_monocytogenes_1639_v144	0.9538
Listeria_monocytogenes_1639_v188	Listeria_monocytogenes_1639_v144	0.9576
Listeria_monocytogenes_1639_v187	Listeria_monocytogenes_1639_v144	0.9541
Listeria_monocytogenes_1639_v186	Listeria_monocytogenes_1639_v144	0.9549
Listeria_monocytogenes_1639_v185	Listeria_monocytogenes_1639_v144	0.9545
Listeria_monocytogenes_1639_v184	Listeria_monocytogenes_1639_v144	0.9537
Listeria_monocytogenes_1639_v183	Listeria_monocytogenes_1639_v144	0.9522
Listeria_monocytogenes_1639_v182	Listeria_monocytogenes_1639_v144	0.954
Listeria_monocytogenes_1639_v181	Listeria_monocytogenes_1639_v144	0.94
Listeria_monocytogenes_1639_v180	Listeria_monocytogenes_1639_v144	0.94
Listeria_monocytogenes_1639_v17	Listeria_monocytogenes_1639_v144	0.9473
Listeria_monocytogenes_1639_v179	Listeria_monocytogenes_1639_v144	0.9392
Listeria_monocytogenes_1639_v178	Listeria_monocytogenes_1639_v144	0.953
Listeria_monocytogenes_1639_v177	Listeria_monocytogenes_1639_v144	0.9769
Listeria_monocytogenes_1639_v176	Listeria_monocytogenes_1639_v144	0.9477
Listeria_monocytogenes_1639_v175	Listeria_monocytogenes_1639_v144	0.943
Listeria_monocytogenes_1639_v174	Listeria_monocytogenes_1639_v144	0.955
Listeria_monocytogenes_1639_v173	Listeria_monocytogenes_1639_v144	0.9705
Listeria_monocytogenes_1639_v172	Listeria_monocytogenes_1639_v144	0.9452
Listeria_monocytogenes_1639_v171	Listeria_monocytogenes_1639_v144	0.9396
Listeria_monocytogenes_1639_v170	Listeria_monocytogenes_1639_v144	0.9479
Listeria_monocytogenes_1639_v16	Listeria_monocytogenes_1639_v144	0.9155
Listeria_monocytogenes_1639_v169	Listeria_monocytogenes_1639_v144	0.9503
Listeria_monocytogenes_1639_v168	Listeria_monocytogenes_1639_v144	0.9488
Listeria_monocytogenes_1639_v167	Listeria_monocytogenes_1639_v144	0.9409
Listeria_monocytogenes_1639_v166	Listeria_monocytogenes_1639_v144	0.9492
Listeria_monocytogenes_1639_v165	Listeria_monocytogenes_1639_v144	0.9503
Listeria_monocytogenes_1639_v164	Listeria_monocytogenes_1639_v144	0.978
Listeria_monocytogenes_1639_v163	Listeria_monocytogenes_1639_v144	0.9672
Listeria_monocytogenes_1639_v162	Listeria_monocytogenes_1639_v144	0.978
Listeria_monocytogenes_1639_v161	Listeria_monocytogenes_1639_v144	0.9791
Listeria_monocytogenes_1639_v160	Listeria_monocytogenes_1639_v144	0.9795
Listeria_monocytogenes_1639_v15	Listeria_monocytogenes_1639_v144	0.9302
Listeria_monocytogenes_1639_v159	Listeria_monocytogenes_1639_v144	0.9769
Listeria_monocytogenes_1639_v158	Listeria_monocytogenes_1639_v144	0.9791
Listeria_monocytogenes_1639_v157	Listeria_monocytogenes_1639_v144	0.9788
Listeria_monocytogenes_1639_v156	Listeria_monocytogenes_1639_v144	0.931
Listeria_monocytogenes_1639_v155	Listeria_monocytogenes_1639_v144	0.9454
Listeria_monocytogenes_1639_v154	Listeria_monocytogenes_1639_v144	0.9481
Listeria_monocytogenes_1639_v153	Listeria_monocytogenes_1639_v144	0.9462
Listeria_monocytogenes_1639_v152	Listeria_monocytogenes_1639_v144	0.9772
Listeria_monocytogenes_1639_v151	Listeria_monocytogenes_1639_v144	0.9772
Listeria_monocytogenes_1639_v150	Listeria_monocytogenes_1639_v144	0.9443
Listeria_monocytogenes_1639_v14	Listeria_monocytogenes_1639_v144	0.9372
Listeria_monocytogenes_1639_v149	Listeria_monocytogenes_1639_v144	0.9432
Listeria_monocytogenes_1639_v148	Listeria_monocytogenes_1639_v144	0.9757
Listeria_monocytogenes_1639_v147	Listeria_monocytogenes_1639_v144	0.9613
Listeria_monocytogenes_1639_v146	Listeria_monocytogenes_1639_v144	0.9558
Listeria_monocytogenes_1639_v145	Listeria_monocytogenes_1639_v144	0.9498
Listeria_monocytogenes_1639_v144	Listeria_monocytogenes_1639_v144	0.0653
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v145	0.8794
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v145	0.8791
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v145	0.8874
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v145	0.8224
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v145	0.8322
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v145	0.8873
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v145	0.8782
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v145	0.9421
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v145	0.9538
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v145	0.9634
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v145	0.9582
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v145	0.9377
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v145	0.9439
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v145	0.9488
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v145	0.9432
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v145	0.9477
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v145	0.9417
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v145	0.9471
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v145	0.935
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v145	0.9471
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v145	0.9505
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v145	0.9325
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v145	0.9336
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v145	0.9339
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v145	0.9336
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v145	0.9456
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v145	0.9456
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v145	0.9336

Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v145	0.9336
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v145	0.9336
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v145	0.9481
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v145	0.9488
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v145	0.9488
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v145	0.9298
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v145	0.9298
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v145	0.9342
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v145	0.9342
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v145	0.9402
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v145	0.939
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v145	0.9402
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v145	0.9575
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v145	0.9579
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v145	0.9402
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v145	0.9409
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v145	0.9409
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v145	0.9709
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v145	0.9709
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v145	0.9356
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v145	0.9402
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v145	0.9513
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v145	0.9513
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v145	0.9502
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v145	0.9402
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v145	0.9356
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v145	0.9356
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v145	0.9356
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v145	0.9402
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v145	0.9402
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v145	0.941
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v145	0.9154
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v145	0.9094
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v145	0.9474
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v145	0.9098
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v145	0.9501
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v145	0.9255
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v145	0.9243
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v145	0.958
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v145	0.9094
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v145	0.9474
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v145	0.9148
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v145	0.9452
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v145	0.9705
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v145	0.9591
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v145	0.9591
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v145	0.959
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v145	0.9468
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v145	0.9442
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v145	0.9438
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v145	0.9385
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v145	0.9159
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v145	0.9267
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v145	0.9428
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v145	0.9356
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v145	0.9256
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v145	0.9256
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v145	0.9263
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v145	0.9454
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v145	0.9263
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v145	0.9285
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v145	0.9428
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v145	0.9297
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v145	0.9361
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v145	0.9502
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v145	0.9459
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v145	0.9463
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v145	0.9322
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v145	0.9524
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v145	0.9331
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v145	0.9328
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v145	0.9506
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v145	0.9345
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v145	0.9297
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v145	0.9488
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v145	0.9499
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v145	0.9565
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v145	0.9412
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v145	0.9098
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v145	0.9482
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v145	0.9428
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v145	0.9315
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v145	0.9399
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v145	0.9449
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v145	0.9294
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v145	0.9336
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v145	0.959
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v145	0.9369
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v145	0.9572
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v145	0.943
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v145	0.9803

[illegible]

Listeria_monocytogenes_1639_v160	Listeria_monocytogenes_1639_v145	0.9479
Listeria_monocytogenes_1639_v15	Listeria_monocytogenes_1639_v145	0.9154
Listeria_monocytogenes_1639_v159	Listeria_monocytogenes_1639_v145	0.9449
Listeria_monocytogenes_1639_v158	Listeria_monocytogenes_1639_v145	0.9471
Listeria_monocytogenes_1639_v157	Listeria_monocytogenes_1639_v145	0.9471
Listeria_monocytogenes_1639_v156	Listeria_monocytogenes_1639_v145	0.9503
Listeria_monocytogenes_1639_v155	Listeria_monocytogenes_1639_v145	0.9562
Listeria_monocytogenes_1639_v154	Listeria_monocytogenes_1639_v145	0.9593
Listeria_monocytogenes_1639_v153	Listeria_monocytogenes_1639_v145	0.9569
Listeria_monocytogenes_1639_v152	Listeria_monocytogenes_1639_v145	0.9449
Listeria_monocytogenes_1639_v151	Listeria_monocytogenes_1639_v145	0.9449
Listeria_monocytogenes_1639_v150	Listeria_monocytogenes_1639_v145	0.9616
Listeria_monocytogenes_1639_v14	Listeria_monocytogenes_1639_v145	0.9222
Listeria_monocytogenes_1639_v149	Listeria_monocytogenes_1639_v145	0.9593
Listeria_monocytogenes_1639_v148	Listeria_monocytogenes_1639_v145	0.9438
Listeria_monocytogenes_1639_v147	Listeria_monocytogenes_1639_v145	0.9317
Listeria_monocytogenes_1639_v146	Listeria_monocytogenes_1639_v145	0.9702
Listeria_monocytogenes_1639_v145	Listeria_monocytogenes_1639_v145	0.0672
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v146	0.8822
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v146	0.8815
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v146	0.8934
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v146	0.8266
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v146	0.8376
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v146	0.8964
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v146	0.8836
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v146	0.9455
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v146	0.9575
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v146	0.9653
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v146	0.9623
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v146	0.9463
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v146	0.9506
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v146	0.9567
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v146	0.9469
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v146	0.9518
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v146	0.9495
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v146	0.9532
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v146	0.938
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v146	0.9532
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v146	0.9566
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v146	0.9357
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v146	0.9368
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v146	0.9375
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v146	0.9368
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v146	0.9517
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v146	0.9517
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v146	0.9372
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v146	0.9372
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v146	0.9372
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v146	0.9559
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v146	0.9571
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v146	0.9571
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v146	0.9387
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v146	0.9387
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v146	0.94
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v146	0.94
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v146	0.9461
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v146	0.9453
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v146	0.9464
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v146	0.9624
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v146	0.9624
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v146	0.9464
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v146	0.9468
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v146	0.9468
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v146	0.9759
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v146	0.9759
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v146	0.9414
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v146	0.9461
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v146	0.955
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v146	0.955
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v146	0.9562
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v146	0.9464
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v146	0.9414
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v146	0.9414
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v146	0.9414
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v146	0.9464
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v146	0.9461
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v146	0.945
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v146	0.9185
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v146	0.9089
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v146	0.9553
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v146	0.9095
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v146	0.9566
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v146	0.9303
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v146	0.9275
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v146	0.9583
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v146	0.9092
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v146	0.9552
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v146	0.9162
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v146	0.9547
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v146	0.9712
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v146	0.9655

Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v146	0.9402
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v146	0.9279
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v146	0.9338
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v146	0.9351
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v146	0.9335
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v146	0.9214
Listeria_monocytogenes_1639_v197	Listeria_monocytogenes_1639_v146	0.9515
Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v146	0.9457
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v146	0.9541
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v146	0.9522
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v146	0.9526
Listeria_monocytogenes_1639_v192	Listeria_monocytogenes_1639_v146	0.9114
Listeria_monocytogenes_1639_v191	Listeria_monocytogenes_1639_v146	0.9766
Listeria_monocytogenes_1639_v190	Listeria_monocytogenes_1639_v146	0.9755
Listeria_monocytogenes_1639_v18	Listeria_monocytogenes_1639_v146	0.9213
Listeria_monocytogenes_1639_v189	Listeria_monocytogenes_1639_v146	0.9747
Listeria_monocytogenes_1639_v188	Listeria_monocytogenes_1639_v146	0.9793
Listeria_monocytogenes_1639_v187	Listeria_monocytogenes_1639_v146	0.9751
Listeria_monocytogenes_1639_v186	Listeria_monocytogenes_1639_v146	0.9758
Listeria_monocytogenes_1639_v185	Listeria_monocytogenes_1639_v146	0.9755
Listeria_monocytogenes_1639_v184	Listeria_monocytogenes_1639_v146	0.9751
Listeria_monocytogenes_1639_v183	Listeria_monocytogenes_1639_v146	0.9762
Listeria_monocytogenes_1639_v182	Listeria_monocytogenes_1639_v146	0.9785
Listeria_monocytogenes_1639_v181	Listeria_monocytogenes_1639_v146	0.9329
Listeria_monocytogenes_1639_v180	Listeria_monocytogenes_1639_v146	0.9329
Listeria_monocytogenes_1639_v17	Listeria_monocytogenes_1639_v146	0.9213
Listeria_monocytogenes_1639_v179	Listeria_monocytogenes_1639_v146	0.9618
Listeria_monocytogenes_1639_v178	Listeria_monocytogenes_1639_v146	0.9797
Listeria_monocytogenes_1639_v177	Listeria_monocytogenes_1639_v146	0.949
Listeria_monocytogenes_1639_v176	Listeria_monocytogenes_1639_v146	0.9504
Listeria_monocytogenes_1639_v175	Listeria_monocytogenes_1639_v146	0.9649
Listeria_monocytogenes_1639_v174	Listeria_monocytogenes_1639_v146	0.9739
Listeria_monocytogenes_1639_v173	Listeria_monocytogenes_1639_v146	0.9673
Listeria_monocytogenes_1639_v172	Listeria_monocytogenes_1639_v146	0.9501
Listeria_monocytogenes_1639_v171	Listeria_monocytogenes_1639_v146	0.9598
Listeria_monocytogenes_1639_v170	Listeria_monocytogenes_1639_v146	0.9679
Listeria_monocytogenes_1639_v16	Listeria_monocytogenes_1639_v146	0.932
Listeria_monocytogenes_1639_v169	Listeria_monocytogenes_1639_v146	0.9695
Listeria_monocytogenes_1639_v168	Listeria_monocytogenes_1639_v146	0.9693
Listeria_monocytogenes_1639_v167	Listeria_monocytogenes_1639_v146	0.9648
Listeria_monocytogenes_1639_v166	Listeria_monocytogenes_1639_v146	0.9697
Listeria_monocytogenes_1639_v165	Listeria_monocytogenes_1639_v146	0.9691
Listeria_monocytogenes_1639_v164	Listeria_monocytogenes_1639_v146	0.9523
Listeria_monocytogenes_1639_v163	Listeria_monocytogenes_1639_v146	0.9582
Listeria_monocytogenes_1639_v162	Listeria_monocytogenes_1639_v146	0.9523
Listeria_monocytogenes_1639_v161	Listeria_monocytogenes_1639_v146	0.9535
Listeria_monocytogenes_1639_v160	Listeria_monocytogenes_1639_v146	0.9535
Listeria_monocytogenes_1639_v15	Listeria_monocytogenes_1639_v146	0.9234
Listeria_monocytogenes_1639_v159	Listeria_monocytogenes_1639_v146	0.9494
Listeria_monocytogenes_1639_v158	Listeria_monocytogenes_1639_v146	0.9532
Listeria_monocytogenes_1639_v157	Listeria_monocytogenes_1639_v146	0.9532
Listeria_monocytogenes_1639_v156	Listeria_monocytogenes_1639_v146	0.9517
Listeria_monocytogenes_1639_v155	Listeria_monocytogenes_1639_v146	0.9669
Listeria_monocytogenes_1639_v154	Listeria_monocytogenes_1639_v146	0.9653
Listeria_monocytogenes_1639_v153	Listeria_monocytogenes_1639_v146	0.9676
Listeria_monocytogenes_1639_v152	Listeria_monocytogenes_1639_v146	0.9497
Listeria_monocytogenes_1639_v151	Listeria_monocytogenes_1639_v146	0.9497
Listeria_monocytogenes_1639_v150	Listeria_monocytogenes_1639_v146	0.9642
Listeria_monocytogenes_1639_v14	Listeria_monocytogenes_1639_v146	0.9303
Listeria_monocytogenes_1639_v149	Listeria_monocytogenes_1639_v146	0.9627
Listeria_monocytogenes_1639_v148	Listeria_monocytogenes_1639_v146	0.9486
Listeria_monocytogenes_1639_v147	Listeria_monocytogenes_1639_v146	0.935
Listeria_monocytogenes_1639_v146	Listeria_monocytogenes_1639_v146	0.0664
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v147	0.8686
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v147	0.8683
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v147	0.8764
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v147	0.8174
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v147	0.8469
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v147	0.8867
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v147	0.8766
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v147	0.9537
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v147	0.9217
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v147	0.927
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v147	0.9262
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v147	0.9391
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v147	0.9363
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v147	0.9188
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v147	0.9548
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v147	0.9333
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v147	0.9139
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v147	0.9602
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v147	0.9035
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v147	0.9602
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v147	0.9617
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v147	0.9441
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v147	0.9452
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v147	0.9448
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v147	0.9455
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v147	0.9591
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v147	0.9591
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v147	0.9452

Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v147	0.9452
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v147	0.9452
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v147	0.9181
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v147	0.9188
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v147	0.9188
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v147	0.9307
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v147	0.9307
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v147	0.9085
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v147	0.9085
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v147	0.9135
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v147	0.9123
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v147	0.9135
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v147	0.9274
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v147	0.9274
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v147	0.9135
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v147	0.9141
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v147	0.9141
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v147	0.9371
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v147	0.9371
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v147	0.9098
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v147	0.9138
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v147	0.9193
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v147	0.9193
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v147	0.9226
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v147	0.9135
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v147	0.9098
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v147	0.9098
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v147	0.9098
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v147	0.9135
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v147	0.9135
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v147	0.9202
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v147	0.8838
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v147	0.8984
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v147	0.9175
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v147	0.8988
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v147	0.962
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v147	0.9629
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v147	0.9367
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v147	0.9164
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v147	0.8981
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v147	0.9174
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v147	0.9084
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v147	0.9424
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v147	0.9375
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v147	0.9264
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v147	0.9268
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v147	0.9269
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v147	0.9678
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v147	0.9562
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v147	0.9558
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v147	0.9076
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v147	0.9141
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v147	0.9681
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v147	0.9151
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v147	0.9525
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v147	0.9677
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v147	0.9674
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v147	0.9677
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v147	0.9208
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v147	0.9677
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v147	0.9409
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v147	0.9151
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v147	0.9109
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v147	0.9523
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v147	0.9183
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v147	0.9152
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v147	0.9149
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v147	0.943
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v147	0.9214
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v147	0.9451
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v147	0.9444
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v147	0.9183
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v147	0.936
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v147	0.9109
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v147	0.9165
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v147	0.9176
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v147	0.9184
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v147	0.9122
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v147	0.8988
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v147	0.9439
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v147	0.9153
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v147	0.9436
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v147	0.931
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v147	0.9162
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v147	0.9105
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v147	0.9452
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v147	0.9216
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v147	0.9317
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v147	0.923
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v147	0.9154
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v147	0.9158

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Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v148	0.9372
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v148	0.9082
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v148	0.9368
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v148	0.8977
Listeria_monocytogenes_1639_v197	Listeria_monocytogenes_1639_v148	0.9273
Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v148	0.9238
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v148	0.9481
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v148	0.9475
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v148	0.9475
Listeria_monocytogenes_1639_v192	Listeria_monocytogenes_1639_v148	0.9103
Listeria_monocytogenes_1639_v191	Listeria_monocytogenes_1639_v148	0.9519
Listeria_monocytogenes_1639_v190	Listeria_monocytogenes_1639_v148	0.9531
Listeria_monocytogenes_1639_v18	Listeria_monocytogenes_1639_v148	0.968
Listeria_monocytogenes_1639_v189	Listeria_monocytogenes_1639_v148	0.952
Listeria_monocytogenes_1639_v188	Listeria_monocytogenes_1639_v148	0.9527
Listeria_monocytogenes_1639_v187	Listeria_monocytogenes_1639_v148	0.9531
Listeria_monocytogenes_1639_v186	Listeria_monocytogenes_1639_v148	0.9531
Listeria_monocytogenes_1639_v185	Listeria_monocytogenes_1639_v148	0.9535
Listeria_monocytogenes_1639_v184	Listeria_monocytogenes_1639_v148	0.9523
Listeria_monocytogenes_1639_v183	Listeria_monocytogenes_1639_v148	0.9458
Listeria_monocytogenes_1639_v182	Listeria_monocytogenes_1639_v148	0.948
Listeria_monocytogenes_1639_v181	Listeria_monocytogenes_1639_v148	0.9337
Listeria_monocytogenes_1639_v180	Listeria_monocytogenes_1639_v148	0.9337
Listeria_monocytogenes_1639_v17	Listeria_monocytogenes_1639_v148	0.9683
Listeria_monocytogenes_1639_v179	Listeria_monocytogenes_1639_v148	0.9367
Listeria_monocytogenes_1639_v178	Listeria_monocytogenes_1639_v148	0.9524
Listeria_monocytogenes_1639_v177	Listeria_monocytogenes_1639_v148	0.9981
Listeria_monocytogenes_1639_v176	Listeria_monocytogenes_1639_v148	0.9452
Listeria_monocytogenes_1639_v175	Listeria_monocytogenes_1639_v148	0.9405
Listeria_monocytogenes_1639_v174	Listeria_monocytogenes_1639_v148	0.9532
Listeria_monocytogenes_1639_v173	Listeria_monocytogenes_1639_v148	0.9702
Listeria_monocytogenes_1639_v172	Listeria_monocytogenes_1639_v148	0.9431
Listeria_monocytogenes_1639_v171	Listeria_monocytogenes_1639_v148	0.9382
Listeria_monocytogenes_1639_v170	Listeria_monocytogenes_1639_v148	0.9465
Listeria_monocytogenes_1639_v16	Listeria_monocytogenes_1639_v148	0.9117
Listeria_monocytogenes_1639_v169	Listeria_monocytogenes_1639_v148	0.9451
Listeria_monocytogenes_1639_v168	Listeria_monocytogenes_1639_v148	0.9502
Listeria_monocytogenes_1639_v167	Listeria_monocytogenes_1639_v148	0.9385
Listeria_monocytogenes_1639_v166	Listeria_monocytogenes_1639_v148	0.9505
Listeria_monocytogenes_1639_v165	Listeria_monocytogenes_1639_v148	0.9447
Listeria_monocytogenes_1639_v164	Listeria_monocytogenes_1639_v148	0.9738
Listeria_monocytogenes_1639_v163	Listeria_monocytogenes_1639_v148	0.9634
Listeria_monocytogenes_1639_v162	Listeria_monocytogenes_1639_v148	0.9738
Listeria_monocytogenes_1639_v161	Listeria_monocytogenes_1639_v148	0.9742
Listeria_monocytogenes_1639_v160	Listeria_monocytogenes_1639_v148	0.9738
Listeria_monocytogenes_1639_v15	Listeria_monocytogenes_1639_v148	0.9297
Listeria_monocytogenes_1639_v159	Listeria_monocytogenes_1639_v148	0.9985
Listeria_monocytogenes_1639_v158	Listeria_monocytogenes_1639_v148	0.9742
Listeria_monocytogenes_1639_v157	Listeria_monocytogenes_1639_v148	0.9742
Listeria_monocytogenes_1639_v156	Listeria_monocytogenes_1639_v148	0.9297
Listeria_monocytogenes_1639_v155	Listeria_monocytogenes_1639_v148	0.9406
Listeria_monocytogenes_1639_v154	Listeria_monocytogenes_1639_v148	0.9441
Listeria_monocytogenes_1639_v153	Listeria_monocytogenes_1639_v148	0.9414
Listeria_monocytogenes_1639_v152	Listeria_monocytogenes_1639_v148	0.9985
Listeria_monocytogenes_1639_v151	Listeria_monocytogenes_1639_v148	0.9985
Listeria_monocytogenes_1639_v150	Listeria_monocytogenes_1639_v148	0.9425
Listeria_monocytogenes_1639_v14	Listeria_monocytogenes_1639_v148	0.9366
Listeria_monocytogenes_1639_v149	Listeria_monocytogenes_1639_v148	0.9415
Listeria_monocytogenes_1639_v148	Listeria_monocytogenes_1639_v148	0.0649
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v149	0.8807
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v149	0.8803
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v149	0.8844
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v149	0.819
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v149	0.8346
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v149	0.8824
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v149	0.8772
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v149	0.93
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v149	0.9936
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v149	0.9595
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v149	0.9989
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v149	0.9347
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v149	0.9481
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v149	0.9556
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v149	0.9311
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v149	0.9438
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v149	0.9481
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v149	0.9371
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v149	0.9647
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v149	0.9371
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v149	0.944
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v149	0.9228
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v149	0.9239
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v149	0.9246
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v149	0.9242
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v149	0.9426
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v149	0.9426
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v149	0.9239
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v149	0.9239
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v149	0.9239
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v149	0.9567
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v149	0.9571

Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v149	0.9571
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v149	0.9401
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v149	0.9401
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v149	0.948
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v149	0.948
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v149	0.9525
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v149	0.9525
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v149	0.9529
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v149	0.9681
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v149	0.9685
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v149	0.9529
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v149	0.9536
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v149	0.9536
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v149	0.9738
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v149	0.9738
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v149	0.9491
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v149	0.9529
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v149	0.9796
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v149	0.9796
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v149	0.9513
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v149	0.9529
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v149	0.9491
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v149	0.9491
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v149	0.9491
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v149	0.9529
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v149	0.9529
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v149	0.9507
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v149	0.9087
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v149	0.9138
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v149	0.9542
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v149	0.9141
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v149	0.944
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v149	0.9253
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v149	0.9282
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v149	0.9455
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v149	0.9138
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v149	0.9553
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v149	0.9086
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v149	0.9521
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v149	0.9619
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v149	0.9541
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v149	0.9541
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v149	0.9996
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v149	0.9422
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v149	0.9374
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v149	0.937
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v149	0.9441
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v149	0.925
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v149	0.9276
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v149	0.9466
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v149	0.933
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v149	0.925
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v149	0.925
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v149	0.9257
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v149	0.9518
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v149	0.9269
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v149	0.9301
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v149	0.9466
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v149	0.9398
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v149	0.9381
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v149	0.9664
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v149	0.9767
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v149	0.9763
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v149	0.9225
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v149	0.9618
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v149	0.9287
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v149	0.9283
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v149	0.9562
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v149	0.9444
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v149	0.9398
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Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v149	0.9555
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v149	0.9489
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v149	0.9536
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v149	0.9141
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v149	0.9609
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v149	0.9507
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v149	0.9271
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v149	0.9463
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v149	0.9532
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v149	0.9395
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v149	0.9239
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v149	0.9464
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v149	0.9419
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v149	0.9666
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v149	0.955
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v149	0.9593
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v149	0.9407
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v149	0.9512
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v149	0.9554
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v149	0.9487

[illegible]

[illegible]

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Listeria_monocytogenes_1639_v150 0.9524

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Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v150	0.9524
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v150	0.9528
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v150	0.9528
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v150	0.9757
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v150	0.9757
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v150	0.9482
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v150	0.9524
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v150	0.9796
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v150	0.9796
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v150	0.9519
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v150	0.9524
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v150	0.9482
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v150	0.9482
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v150	0.9482
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Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v150	0.9092
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v150	0.9117
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v150	0.9582
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Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v150	0.945
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v150	0.9255
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v150	0.9258
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v150	0.9469
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v150	0.9117
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v150	0.9548
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v150	0.9103
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v150	0.9516
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v150	0.9633
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v150	0.9547
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Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v150	0.9889
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Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v150	0.9421
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v150	0.9245
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Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v150	0.9469
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v150	0.9329
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v150	0.9252
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v150	0.9252
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v150	0.9259
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v150	0.9513
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Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v150	0.9469
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Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v150	0.9456
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v150	0.9646
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v150	0.9527
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v150	0.9577
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v150	0.9402
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v150	0.9503
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v150	0.9538
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Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v150	0.8963
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v150	0.9353
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v150	0.9288
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v150	0.9233
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v150	0.9296
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v150	0.9198
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v150	0.9245
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v150	0.9467

[illegible]

[illegible]

Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v152	0.9264
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v152	0.9219
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v152	0.9219
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v152	0.9219
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v152	0.9264
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v152	0.926
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v152	0.9253
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v152	0.8968
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v152	0.9111
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v152	0.9313
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v152	0.9118
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v152	0.978
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v152	0.9777
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v152	0.9504
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v152	0.9305
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v152	0.9111
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v152	0.9313
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v152	0.9196
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v152	0.9568
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v152	0.9528
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v152	0.9405
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v152	0.9409
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v152	0.9422
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v152	0.9827
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v152	0.9708
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v152	0.9708
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v152	0.9151
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v152	0.9272
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v152	0.98
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v152	0.9293
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v152	0.9673
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v152	0.9789
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v152	0.9789
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v152	0.9793
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v152	0.9278
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v152	0.9796
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v152	0.9558
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v152	0.9293
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v152	0.9154
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v152	0.9672
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v152	0.9325
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v152	0.9301
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v152	0.9294
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v152	0.9573
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v152	0.9361
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v152	0.9594
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v152	0.9587
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v152	0.9333
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v152	0.951
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v152	0.9154
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v152	0.9311
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v152	0.9326
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v152	0.9327
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v152	0.9259
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v152	0.9118
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v152	0.9283
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v152	0.9264
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v152	0.9582
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v152	0.9168
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v152	0.9292
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v152	0.9147
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v152	0.9595
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v152	0.9355
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v152	0.9465
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v152	0.937
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v152	0.9295
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v152	0.9284
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v152	0.9453
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v152	0.9287
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v152	0.9291
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v152	0.9325
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v152	0.9112
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v152	0.9601
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v152	0.9613
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v152	0.9756
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v152	0.9598
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v152	0.9716
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v152	0.927
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v152	0.9325
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v152	0.9565
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v152	0.954
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v152	0.9256
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v152	0.9242
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v152	0.958
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v152	0.9271
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v152	0.926
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v152	0.9348
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v152	0.9168
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v152	0.9264
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v152	0.9264
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v152	0.916

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Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v153	0.9328
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v153	0.9456
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v153	0.9458
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v153	0.9389
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v153	0.9411
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v153	0.9389
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v153	0.9469
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v153	0.9351
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v153	0.9362
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v153	0.9369
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v153	0.9362
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v153	0.9424
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v153	0.9424
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v153	0.9369
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v153	0.9369
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v153	0.9369
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v153	0.9528
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v153	0.954
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v153	0.954
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v153	0.9429
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v153	0.9429
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v153	0.9371
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v153	0.9371
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v153	0.9427
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v153	0.9419
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v153	0.943
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v153	0.9524
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v153	0.9524
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v153	0.943
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v153	0.943
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v153	0.943
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v153	0.9629
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v153	0.9629
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v153	0.9385
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v153	0.9427
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v153	0.9595
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v153	0.9595
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v153	0.9519
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v153	0.943
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v153	0.9385
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v153	0.9385
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v153	0.9385
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v153	0.943
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v153	0.9427
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v153	0.9412
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v153	0.9158
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v153	0.9155
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v153	0.959
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v153	0.9162
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v153	0.9469
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v153	0.9307
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v153	0.9344
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v153	0.9616
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v153	0.9158
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v153	0.951
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v153	0.9088
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v153	0.9367
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v153	0.9629
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v153	0.968
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v153	0.968
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v153	0.9542
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v153	0.9421
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v153	0.9387
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v153	0.9387
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v153	0.9428
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v153	0.9226
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v153	0.9327
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v153	0.9774
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v153	0.9382
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v153	0.9312
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v153	0.9312
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v153	0.9316
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v153	0.9367
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v153	0.9319
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v153	0.9337
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v153	0.9774
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v153	0.9289
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v153	0.9463
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v153	0.9516
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v153	0.9563
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v153	0.9563
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v153	0.9351
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v153	0.9545
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v153	0.9402
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v153	0.9399
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v153	0.952
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v153	0.945
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v153	0.9289
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v153	0.9513
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v153	0.9516
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v153	0.9499

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Listeria_monocytogenes_1639_v173	Listeria_monocytogenes_1639_v153	0.951
Listeria_monocytogenes_1639_v172	Listeria_monocytogenes_1639_v153	0.9397
Listeria_monocytogenes_1639_v171	Listeria_monocytogenes_1639_v153	0.9521
Listeria_monocytogenes_1639_v170	Listeria_monocytogenes_1639_v153	0.9601
Listeria_monocytogenes_1639_v16	Listeria_monocytogenes_1639_v153	0.9292
Listeria_monocytogenes_1639_v169	Listeria_monocytogenes_1639_v153	0.9567
Listeria_monocytogenes_1639_v168	Listeria_monocytogenes_1639_v153	0.958
Listeria_monocytogenes_1639_v167	Listeria_monocytogenes_1639_v153	0.9601
Listeria_monocytogenes_1639_v166	Listeria_monocytogenes_1639_v153	0.9583
Listeria_monocytogenes_1639_v165	Listeria_monocytogenes_1639_v153	0.9563
Listeria_monocytogenes_1639_v164	Listeria_monocytogenes_1639_v153	0.9381
Listeria_monocytogenes_1639_v163	Listeria_monocytogenes_1639_v153	0.9458
Listeria_monocytogenes_1639_v162	Listeria_monocytogenes_1639_v153	0.9381
Listeria_monocytogenes_1639_v161	Listeria_monocytogenes_1639_v153	0.9392
Listeria_monocytogenes_1639_v160	Listeria_monocytogenes_1639_v153	0.9393
Listeria_monocytogenes_1639_v15	Listeria_monocytogenes_1639_v153	0.9265
Listeria_monocytogenes_1639_v159	Listeria_monocytogenes_1639_v153	0.9421
Listeria_monocytogenes_1639_v158	Listeria_monocytogenes_1639_v153	0.9389
Listeria_monocytogenes_1639_v157	Listeria_monocytogenes_1639_v153	0.9389
Listeria_monocytogenes_1639_v156	Listeria_monocytogenes_1639_v153	0.9543
Listeria_monocytogenes_1639_v155	Listeria_monocytogenes_1639_v153	0.9824
Listeria_monocytogenes_1639_v154	Listeria_monocytogenes_1639_v153	0.9534
Listeria_monocytogenes_1639_v153	Listeria_monocytogenes_1639_v153	0.0677
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v154	0.8816
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v154	0.881
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v154	0.8862
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v154	0.8183
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v154	0.8367
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v154	0.8842
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v154	0.8793
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v154	0.9345
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v154	0.9678
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v154	0.9625
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v154	0.9699
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v154	0.9339
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v154	0.9507
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v154	0.9574
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v154	0.9359
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v154	0.9406
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v154	0.9499
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v154	0.9417
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v154	0.9446
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v154	0.9417
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v154	0.9485
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v154	0.9265
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v154	0.9275
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v154	0.9282
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v154	0.9275
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v154	0.9448
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v154	0.9448
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v154	0.929
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v154	0.929
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v154	0.929
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v154	0.9623
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v154	0.9623
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v154	0.9623
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v154	0.946
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v154	0.946
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v154	0.9688
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v154	0.9688
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v154	0.9746
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v154	0.9723
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v154	0.9749
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v154	0.968
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v154	0.968
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v154	0.9749
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v154	0.9753
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v154	0.9753
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v154	0.9688
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v154	0.9688
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v154	0.9698
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v154	0.9746
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v154	0.9664
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v154	0.9664
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v154	0.969
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v154	0.9749
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v154	0.9698
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v154	0.9698
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v154	0.9698
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v154	0.9749
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v154	0.9746
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v154	0.9761
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v154	0.906
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v154	0.9107
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v154	0.9568
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v154	0.9114
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v154	0.9485
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v154	0.9278
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v154	0.9315
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v154	0.9477
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v154	0.9107

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Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v155	0.9593
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v155	0.9354
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v155	0.9354
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v155	0.9446
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v155	0.9446
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v155	0.9506
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v155	0.9494
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v155	0.9509
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v155	0.9547
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v155	0.9547
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v155	0.9509
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v155	0.9509
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v155	0.9509
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v155	0.9618
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v155	0.9618
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v155	0.946
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v155	0.9506
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v155	0.9535
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v155	0.9535
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v155	0.9591
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v155	0.9509
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v155	0.946
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v155	0.946
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v155	0.946
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v155	0.9509
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v155	0.9506
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v155	0.9465
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v155	0.9118
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v155	0.9099
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v155	0.9518
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v155	0.9106
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v155	0.9462
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v155	0.9353
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v155	0.9266
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v155	0.9623
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v155	0.9102
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v155	0.9567
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v155	0.9081
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v155	0.9398
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v155	0.9622
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v155	0.9624
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v155	0.9624
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v155	0.9565
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v155	0.9414
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v155	0.938
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v155	0.938
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v155	0.9432
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v155	0.9245
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v155	0.9372
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v155	0.9842
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v155	0.9424
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v155	0.9357
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v155	0.9358
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v155	0.9361
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v155	0.9367
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v155	0.9368
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v155	0.9273
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v155	0.9842
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v155	0.9364
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v155	0.9421
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v155	0.9588
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v155	0.9511
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v155	0.9511
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v155	0.9276
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v155	0.9632
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v155	0.9319
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v155	0.9316
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v155	0.9577
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v155	0.9371
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v155	0.9364
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v155	0.9555
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v155	0.9569
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v155	0.9579
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v155	0.9479
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v155	0.9106
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v155	0.9462
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v155	0.9468
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v155	0.9322
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v155	0.9395
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v155	0.9561
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v155	0.9357
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v155	0.9282
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v155	0.9557
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v155	0.9418
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v155	0.9525
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v155	0.9467
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v155	0.9445
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v155	0.9402
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v155	0.9533
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v155	0.9534
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v155	0.9629

[illegible]

Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v157	0.9184
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v157	0.9184
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v157	0.9229
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v157	0.9225
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v157	0.9218
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v157	0.8966
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v157	0.9099
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v157	0.9297
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v157	0.9106
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v157	0.9795
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v157	0.955
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v157	0.9567
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v157	0.9293
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v157	0.9098
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v157	0.9297
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v157	0.9245
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v157	0.9586
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v157	0.9484
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v157	0.9389
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v157	0.9393
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v157	0.9371
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v157	0.9784
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v157	0.9773
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v157	0.9773
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v157	0.9142
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v157	0.929
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v157	0.9562
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v157	0.9258
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v157	0.9699
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v157	0.9555
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v157	0.9555
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v157	0.9555
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v157	0.9285
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v157	0.9558
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v157	0.9784
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v157	0.9258
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v157	0.9116
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v157	0.966
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v157	0.9294
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v157	0.9247
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v157	0.924
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v157	0.9799
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v157	0.9334
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v157	0.9658
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v157	0.9651
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v157	0.9286
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v157	0.9501
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v157	0.9116
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v157	0.9265
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v157	0.9279
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v157	0.9322
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v157	0.9243
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v157	0.9106
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v157	0.9233
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v157	0.9248
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v157	0.9646
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v157	0.9122
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v157	0.9276
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v157	0.9109
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v157	0.9822
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v157	0.9335
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v157	0.9495
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v157	0.9373
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v157	0.926
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v157	0.9306
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v157	0.9449
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v157	0.9244
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v157	0.9256
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v157	0.9312
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v157	0.9103
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Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v157	0.973
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v157	0.9523
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v157	0.9662
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v157	0.9479
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v157	0.9284
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v157	0.9331
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v157	0.9629
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v157	0.9603
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v157	0.9221
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v157	0.9234
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v157	0.9807
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v157	0.9255
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v157	0.9225
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v157	0.9328
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v157	0.9133
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v157	0.9229
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v157	0.9229
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v157	0.9181
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v157	0.9039
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v157	0.93

[illegible]

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Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v15	0.9126
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v15	0.9193
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v15	0.9161
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v15	0.9161
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v15	0.9161
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v15	0.9193
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v15	0.9193
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Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v15	0.9309
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v15	0.9021
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v15	0.931
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v15	0.9215
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Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v15	0.9225
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Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v15	0.9232
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v15	0.8821
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v15	0.9422
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v15	0.9214
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v15	0.9266
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v15	0.9269
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v15	0.9245
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Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v15	0.925
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Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v15	0.9231
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v15	0.9307
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Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v15	0.9294
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Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v15	0.9387
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v15	0.9232
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Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v15	0.9176
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v15	0.9593
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v15	0.9215
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v15	0.9209
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v15	0.9156
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v15	0.956
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v15	0.9265
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v15	0.9313
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v15	0.9375
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Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v15	0.9695
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v15	0.9183
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v15	0.9251
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v15	0.9172
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v15	0.9117
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v15	0.9173

Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v15	0.9193
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v15	0.9193
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v15	0.9014
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v15	0.9125
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v15	0.9262
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v15	0.9702
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v15	0.9375
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v15	0.9155
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v15	0.9311
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v15	0.9207
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v15	0.9206
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v15	0.9163
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v15	0.9645
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v15	0.925
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v15	0.9167
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v15	0.9444
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v15	0.9311
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v15	0.9225
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v15	0.9153
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v15	0.9318
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v15	0.9326
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v15	0.933
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v15	0.9308
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v15	0.9301
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v15	0.9637
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v15	0.932
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v15	0.9445
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v15	0.9206
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v15	0.9438
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v15	0.8788
Listeria_monocytogenes_1639_v197	Listeria_monocytogenes_1639_v15	0.9147
Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v15	0.9076
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v15	0.9125
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v15	0.9119
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v15	0.9119
Listeria_monocytogenes_1639_v192	Listeria_monocytogenes_1639_v15	0.8775
Listeria_monocytogenes_1639_v191	Listeria_monocytogenes_1639_v15	0.9193
Listeria_monocytogenes_1639_v190	Listeria_monocytogenes_1639_v15	0.9206
Listeria_monocytogenes_1639_v18	Listeria_monocytogenes_1639_v15	0.94
Listeria_monocytogenes_1639_v189	Listeria_monocytogenes_1639_v15	0.9195
Listeria_monocytogenes_1639_v188	Listeria_monocytogenes_1639_v15	0.9215
Listeria_monocytogenes_1639_v187	Listeria_monocytogenes_1639_v15	0.9205
Listeria_monocytogenes_1639_v186	Listeria_monocytogenes_1639_v15	0.9205
Listeria_monocytogenes_1639_v185	Listeria_monocytogenes_1639_v15	0.9209
Listeria_monocytogenes_1639_v184	Listeria_monocytogenes_1639_v15	0.9198
Listeria_monocytogenes_1639_v183	Listeria_monocytogenes_1639_v15	0.9153
Listeria_monocytogenes_1639_v182	Listeria_monocytogenes_1639_v15	0.9174
Listeria_monocytogenes_1639_v181	Listeria_monocytogenes_1639_v15	0.8936
Listeria_monocytogenes_1639_v180	Listeria_monocytogenes_1639_v15	0.8936
Listeria_monocytogenes_1639_v17	Listeria_monocytogenes_1639_v15	0.9403
Listeria_monocytogenes_1639_v179	Listeria_monocytogenes_1639_v15	0.9106
Listeria_monocytogenes_1639_v178	Listeria_monocytogenes_1639_v15	0.9206
Listeria_monocytogenes_1639_v177	Listeria_monocytogenes_1639_v15	0.9304
Listeria_monocytogenes_1639_v176	Listeria_monocytogenes_1639_v15	0.9079
Listeria_monocytogenes_1639_v175	Listeria_monocytogenes_1639_v15	0.9272
Listeria_monocytogenes_1639_v174	Listeria_monocytogenes_1639_v15	0.9207
Listeria_monocytogenes_1639_v173	Listeria_monocytogenes_1639_v15	0.9359
Listeria_monocytogenes_1639_v172	Listeria_monocytogenes_1639_v15	0.9077
Listeria_monocytogenes_1639_v171	Listeria_monocytogenes_1639_v15	0.9243
Listeria_monocytogenes_1639_v170	Listeria_monocytogenes_1639_v15	0.917
Listeria_monocytogenes_1639_v16	Listeria_monocytogenes_1639_v15	0.9137
Listeria_monocytogenes_1639_v169	Listeria_monocytogenes_1639_v15	0.9293
Listeria_monocytogenes_1639_v168	Listeria_monocytogenes_1639_v15	0.9133
Listeria_monocytogenes_1639_v167	Listeria_monocytogenes_1639_v15	0.914
Listeria_monocytogenes_1639_v166	Listeria_monocytogenes_1639_v15	0.9137
Listeria_monocytogenes_1639_v165	Listeria_monocytogenes_1639_v15	0.929
Listeria_monocytogenes_1639_v164	Listeria_monocytogenes_1639_v15	0.9294
Listeria_monocytogenes_1639_v163	Listeria_monocytogenes_1639_v15	0.9362
Listeria_monocytogenes_1639_v162	Listeria_monocytogenes_1639_v15	0.9294
Listeria_monocytogenes_1639_v161	Listeria_monocytogenes_1639_v15	0.9295
Listeria_monocytogenes_1639_v160	Listeria_monocytogenes_1639_v15	0.9292
Listeria_monocytogenes_1639_v15	Listeria_monocytogenes_1639_v15	0.0764
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v160	0.8879
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v160	0.8872
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v160	0.8886
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v160	0.8303
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v160	0.8319
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v160	0.8986
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v160	0.8877
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v160	0.9908
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v160	0.9321
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v160	0.9422
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v160	0.9368
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v160	0.9517
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v160	0.9546
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v160	0.9314
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v160	0.9919
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v160	0.9465
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v160	0.9241
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v160	0.9985
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v160	0.9122

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[illegible]

Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v161	0.9495
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v161	0.9473
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v161	0.9473
Listeria_monocytogenes_1639_v192	Listeria_monocytogenes_1639_v161	0.915
Listeria_monocytogenes_1639_v191	Listeria_monocytogenes_1639_v161	0.9525
Listeria_monocytogenes_1639_v190	Listeria_monocytogenes_1639_v161	0.9491
Listeria_monocytogenes_1639_v18	Listeria_monocytogenes_1639_v161	0.9458
Listeria_monocytogenes_1639_v189	Listeria_monocytogenes_1639_v161	0.9483
Listeria_monocytogenes_1639_v188	Listeria_monocytogenes_1639_v161	0.9509
Listeria_monocytogenes_1639_v187	Listeria_monocytogenes_1639_v161	0.9491
Listeria_monocytogenes_1639_v186	Listeria_monocytogenes_1639_v161	0.9495
Listeria_monocytogenes_1639_v185	Listeria_monocytogenes_1639_v161	0.9495
Listeria_monocytogenes_1639_v184	Listeria_monocytogenes_1639_v161	0.9483
Listeria_monocytogenes_1639_v183	Listeria_monocytogenes_1639_v161	0.9487
Listeria_monocytogenes_1639_v182	Listeria_monocytogenes_1639_v161	0.9509
Listeria_monocytogenes_1639_v181	Listeria_monocytogenes_1639_v161	0.9388
Listeria_monocytogenes_1639_v180	Listeria_monocytogenes_1639_v161	0.9388
Listeria_monocytogenes_1639_v17	Listeria_monocytogenes_1639_v161	0.9461
Listeria_monocytogenes_1639_v179	Listeria_monocytogenes_1639_v161	0.9346
Listeria_monocytogenes_1639_v178	Listeria_monocytogenes_1639_v161	0.951
Listeria_monocytogenes_1639_v177	Listeria_monocytogenes_1639_v161	0.9749
Listeria_monocytogenes_1639_v176	Listeria_monocytogenes_1639_v161	0.9454
Listeria_monocytogenes_1639_v175	Listeria_monocytogenes_1639_v161	0.9422
Listeria_monocytogenes_1639_v174	Listeria_monocytogenes_1639_v161	0.9519
Listeria_monocytogenes_1639_v173	Listeria_monocytogenes_1639_v161	0.974
Listeria_monocytogenes_1639_v172	Listeria_monocytogenes_1639_v161	0.9475
Listeria_monocytogenes_1639_v171	Listeria_monocytogenes_1639_v161	0.9342
Listeria_monocytogenes_1639_v170	Listeria_monocytogenes_1639_v161	0.9425
Listeria_monocytogenes_1639_v16	Listeria_monocytogenes_1639_v161	0.9095
Listeria_monocytogenes_1639_v169	Listeria_monocytogenes_1639_v161	0.9445
Listeria_monocytogenes_1639_v168	Listeria_monocytogenes_1639_v161	0.9453
Listeria_monocytogenes_1639_v167	Listeria_monocytogenes_1639_v161	0.9367
Listeria_monocytogenes_1639_v166	Listeria_monocytogenes_1639_v161	0.9457
Listeria_monocytogenes_1639_v165	Listeria_monocytogenes_1639_v161	0.9441
Listeria_monocytogenes_1639_v164	Listeria_monocytogenes_1639_v161	0.9981
Listeria_monocytogenes_1639_v163	Listeria_monocytogenes_1639_v161	0.9649
Listeria_monocytogenes_1639_v162	Listeria_monocytogenes_1639_v161	0.9981
Listeria_monocytogenes_1639_v161	Listeria_monocytogenes_1639_v161	0.0642
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v162	0.8882
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v162	0.8879
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v162	0.8897
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v162	0.829
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v162	0.8306
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v162	0.8973
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v162	0.8861
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v162	0.9908
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v162	0.9309
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v162	0.941
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v162	0.9356
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v162	0.9506
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v162	0.9534
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v162	0.9306
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v162	0.9919
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v162	0.9476
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v162	0.9233
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v162	0.9985
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v162	0.9113
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v162	0.9985
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v162	0.9783
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v162	0.9803
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v162	0.9814
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v162	0.981
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v162	0.9818
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v162	0.9788
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v162	0.9788
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v162	0.9818
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v162	0.9818
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v162	0.9818
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v162	0.9298
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v162	0.9306
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v162	0.9306
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v162	0.9437
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v162	0.9437
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v162	0.9165
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v162	0.9165
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v162	0.922
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v162	0.9209
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v162	0.922
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v162	0.9399
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v162	0.9402
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v162	0.922
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v162	0.9227
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v162	0.9227
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v162	0.948
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v162	0.948
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v162	0.9179
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v162	0.9224
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v162	0.9284
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v162	0.9284
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v162	0.9315
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v162	0.922

Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v162	0.9179
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v162	0.9179
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v162	0.9179
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v162	0.922
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v162	0.922
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v162	0.9213
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v162	0.8961
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v162	0.9109
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v162	0.9292
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v162	0.9112
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v162	0.9787
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v162	0.9542
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v162	0.9563
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v162	0.9284
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v162	0.9105
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v162	0.9292
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v162	0.924
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v162	0.9582
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v162	0.948
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v162	0.9384
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v162	0.9388
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v162	0.9363
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v162	0.978
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v162	0.9769
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v162	0.9765
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v162	0.9134
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v162	0.9285
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v162	0.9554
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v162	0.9249
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v162	0.9695
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v162	0.9546
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v162	0.9547
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v162	0.955
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v162	0.928
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v162	0.955
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v162	0.9777
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v162	0.9249
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v162	0.9107
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v162	0.9655
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v162	0.9285
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v162	0.9239
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v162	0.9235
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v162	0.9795
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v162	0.9325
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v162	0.9654
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v162	0.9646
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v162	0.9278
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v162	0.9493
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v162	0.9107
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v162	0.926
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v162	0.9271
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v162	0.9317
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v162	0.9238
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v162	0.9112
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v162	0.9228
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v162	0.9243
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v162	0.9638
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v162	0.9117
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v162	0.9267
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v162	0.9104
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v162	0.9814
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v162	0.9327
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v162	0.9487
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v162	0.9365
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v162	0.9252
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v162	0.9298
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v162	0.9444
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v162	0.9235
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v162	0.9248
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v162	0.9304
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v162	0.9095
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v162	0.9657
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v162	0.9726
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v162	0.9514
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v162	0.9657
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v162	0.9471
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v162	0.9279
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v162	0.9326
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v162	0.9624
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v162	0.9595
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v162	0.9213
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v162	0.9229
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v162	0.9799
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v162	0.925
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v162	0.9217
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v162	0.932
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v162	0.9128
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v162	0.922
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v162	0.922
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v162	0.9176
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v162	0.903

Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v162	0.9295
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v162	0.9233
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v162	0.9451
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v162	0.9264
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v162	0.9219
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v162	0.9194
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v162	0.9302
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v162	0.9246
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v162	0.9437
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v162	0.9209
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v162	0.925
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v162	0.9436
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v162	0.9077
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v162	0.916
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v162	0.9205
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v162	0.9113
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v162	0.9109
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v162	0.9109
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v162	0.9563
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v162	0.9559
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v162	0.9459
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v162	0.9559
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v162	0.9381
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v162	0.9074
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v162	0.9377
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v162	0.8988
Listeria_monocytogenes_1639_v197	Listeria_monocytogenes_1639_v162	0.9259
Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v162	0.9188
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v162	0.9503
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v162	0.948
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v162	0.948
Listeria_monocytogenes_1639_v192	Listeria_monocytogenes_1639_v162	0.9138
Listeria_monocytogenes_1639_v191	Listeria_monocytogenes_1639_v162	0.9513
Listeria_monocytogenes_1639_v190	Listeria_monocytogenes_1639_v162	0.9479
Listeria_monocytogenes_1639_v18	Listeria_monocytogenes_1639_v162	0.9454
Listeria_monocytogenes_1639_v189	Listeria_monocytogenes_1639_v162	0.9471
Listeria_monocytogenes_1639_v188	Listeria_monocytogenes_1639_v162	0.9494
Listeria_monocytogenes_1639_v187	Listeria_monocytogenes_1639_v162	0.9479
Listeria_monocytogenes_1639_v186	Listeria_monocytogenes_1639_v162	0.9483
Listeria_monocytogenes_1639_v185	Listeria_monocytogenes_1639_v162	0.9483
Listeria_monocytogenes_1639_v184	Listeria_monocytogenes_1639_v162	0.9471
Listeria_monocytogenes_1639_v183	Listeria_monocytogenes_1639_v162	0.9494
Listeria_monocytogenes_1639_v182	Listeria_monocytogenes_1639_v162	0.9517
Listeria_monocytogenes_1639_v181	Listeria_monocytogenes_1639_v162	0.9377
Listeria_monocytogenes_1639_v180	Listeria_monocytogenes_1639_v162	0.9377
Listeria_monocytogenes_1639_v17	Listeria_monocytogenes_1639_v162	0.9458
Listeria_monocytogenes_1639_v179	Listeria_monocytogenes_1639_v162	0.9357
Listeria_monocytogenes_1639_v178	Listeria_monocytogenes_1639_v162	0.9522
Listeria_monocytogenes_1639_v177	Listeria_monocytogenes_1639_v162	0.9745
Listeria_monocytogenes_1639_v176	Listeria_monocytogenes_1639_v162	0.9462
Listeria_monocytogenes_1639_v175	Listeria_monocytogenes_1639_v162	0.9411
Listeria_monocytogenes_1639_v174	Listeria_monocytogenes_1639_v162	0.9507
Listeria_monocytogenes_1639_v173	Listeria_monocytogenes_1639_v162	0.9728
Listeria_monocytogenes_1639_v172	Listeria_monocytogenes_1639_v162	0.9463
Listeria_monocytogenes_1639_v171	Listeria_monocytogenes_1639_v162	0.933
Listeria_monocytogenes_1639_v170	Listeria_monocytogenes_1639_v162	0.9413
Listeria_monocytogenes_1639_v16	Listeria_monocytogenes_1639_v162	0.9084
Listeria_monocytogenes_1639_v169	Listeria_monocytogenes_1639_v162	0.9433
Listeria_monocytogenes_1639_v168	Listeria_monocytogenes_1639_v162	0.9461
Listeria_monocytogenes_1639_v167	Listeria_monocytogenes_1639_v162	0.9378
Listeria_monocytogenes_1639_v166	Listeria_monocytogenes_1639_v162	0.9465
Listeria_monocytogenes_1639_v165	Listeria_monocytogenes_1639_v162	0.9429
Listeria_monocytogenes_1639_v164	Listeria_monocytogenes_1639_v162	1
Listeria_monocytogenes_1639_v163	Listeria_monocytogenes_1639_v162	0.9637
Listeria_monocytogenes_1639_v162	Listeria_monocytogenes_1639_v162	0.0642
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v163	0.881
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v163	0.8803
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v163	0.8961
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v163	0.8284
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v163	0.842
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v163	0.8994
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v163	0.8889
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v163	0.9575
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v163	0.9405
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v163	0.9488
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v163	0.9452
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v163	0.9654
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v163	0.9573
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v163	0.9375
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v163	0.9586
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v163	0.9469
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v163	0.9358
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v163	0.9645
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v163	0.9219
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v163	0.9645
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v163	0.9672
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v163	0.9469
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v163	0.948
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v163	0.9491
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v163	0.9484
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v163	0.9634

Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v163	0.9634
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v163	0.9488
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v163	0.9488
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v163	0.9488
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v163	0.9367
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v163	0.9379
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v163	0.9379
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v163	0.9465
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v163	0.9465
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v163	0.9204
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v163	0.9204
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v163	0.9255
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v163	0.9247
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v163	0.9259
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v163	0.943
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v163	0.943
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v163	0.9259
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v163	0.9262
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v163	0.9262
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v163	0.9535
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v163	0.9535
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v163	0.9218
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v163	0.9259
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v163	0.938
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v163	0.938
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v163	0.9354
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v163	0.9259
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v163	0.9218
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v163	0.9218
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v163	0.9218
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v163	0.9259
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v163	0.9255
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v163	0.929
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v163	0.9011
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v163	0.9084
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v163	0.9361
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v163	0.9091
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v163	0.9675
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v163	0.9448
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v163	0.9394
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v163	0.9384
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v163	0.9083
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v163	0.9361
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v163	0.9141
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v163	0.9644
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v163	0.9585
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v163	0.945
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v163	0.9454
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v163	0.946
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v163	0.9677
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v163	0.9596
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v163	0.9596
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v163	0.9232
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v163	0.9346
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v163	0.9532
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v163	0.9326
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v163	0.9551
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v163	0.9524
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v163	0.9525
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v163	0.9528
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v163	0.9356
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v163	0.9528
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v163	0.9455
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v163	0.9326
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v163	0.9186
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v163	0.9545
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v163	0.9339
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v163	0.9331
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v163	0.9323
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v163	0.9466
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v163	0.9391
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v163	0.9483
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v163	0.948
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v163	0.9389
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v163	0.9505
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v163	0.9186
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v163	0.9367
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v163	0.9381
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v163	0.9364
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v163	0.9269
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v163	0.9091
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v163	0.9365
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v163	0.9368
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v163	0.9471
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v163	0.9253
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v163	0.9374
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v163	0.9179
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v163	0.9484
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v163	0.9441
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v163	0.9563
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v163	0.9427

[illegible]

Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v164	0.8882
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v164	0.8879
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v164	0.8897
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v164	0.829
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v164	0.8306
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v164	0.8973
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v164	0.8861
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v164	0.9908
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v164	0.9309
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v164	0.941
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v164	0.9356
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v164	0.9506
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v164	0.9534
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v164	0.9306
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v164	0.9919
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v164	0.9476
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v164	0.9233
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v164	0.9985
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v164	0.9113
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v164	0.9985
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v164	0.9783
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v164	0.9803
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v164	0.9814
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v164	0.981
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v164	0.9818
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v164	0.9788
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v164	0.9788
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v164	0.9818
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v164	0.9818
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v164	0.9818
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v164	0.9298
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v164	0.9306
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v164	0.9306
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v164	0.9437
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v164	0.9437
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v164	0.9165
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v164	0.9165
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v164	0.922
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v164	0.9209
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v164	0.922
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v164	0.9399
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v164	0.9402
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v164	0.922
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v164	0.9227
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v164	0.9227
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v164	0.948
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v164	0.948
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v164	0.9179
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v164	0.9224
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v164	0.9284
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v164	0.9284
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v164	0.9315
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v164	0.922
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v164	0.9179
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v164	0.9179
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v164	0.9179
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v164	0.922
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v164	0.922
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v164	0.9213
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v164	0.8961
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v164	0.9109
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v164	0.9292
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v164	0.9112
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v164	0.9787
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v164	0.9542
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v164	0.9563
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v164	0.9284
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v164	0.9105
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v164	0.9292
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v164	0.924
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v164	0.9582
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v164	0.948
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v164	0.9384
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v164	0.9388
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v164	0.9363
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v164	0.978
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v164	0.9769
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v164	0.9765
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v164	0.9134
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v164	0.9285
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v164	0.9554
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v164	0.9249
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v164	0.9695
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v164	0.9546
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v164	0.9547
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v164	0.955
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v164	0.928
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v164	0.955
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v164	0.9777
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v164	0.9249
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v164	0.9107

[illegible]

Listeria_monocytogenes_1639_v186	Listeria_monocytogenes_1639_v164	0.9483
Listeria_monocytogenes_1639_v185	Listeria_monocytogenes_1639_v164	0.9483
Listeria_monocytogenes_1639_v184	Listeria_monocytogenes_1639_v164	0.9471
Listeria_monocytogenes_1639_v183	Listeria_monocytogenes_1639_v164	0.9494
Listeria_monocytogenes_1639_v182	Listeria_monocytogenes_1639_v164	0.9517
Listeria_monocytogenes_1639_v181	Listeria_monocytogenes_1639_v164	0.9377
Listeria_monocytogenes_1639_v180	Listeria_monocytogenes_1639_v164	0.9377
Listeria_monocytogenes_1639_v17	Listeria_monocytogenes_1639_v164	0.9458
Listeria_monocytogenes_1639_v179	Listeria_monocytogenes_1639_v164	0.9357
Listeria_monocytogenes_1639_v178	Listeria_monocytogenes_1639_v164	0.9522
Listeria_monocytogenes_1639_v177	Listeria_monocytogenes_1639_v164	0.9745
Listeria_monocytogenes_1639_v176	Listeria_monocytogenes_1639_v164	0.9462
Listeria_monocytogenes_1639_v175	Listeria_monocytogenes_1639_v164	0.9411
Listeria_monocytogenes_1639_v174	Listeria_monocytogenes_1639_v164	0.9507
Listeria_monocytogenes_1639_v173	Listeria_monocytogenes_1639_v164	0.9728
Listeria_monocytogenes_1639_v172	Listeria_monocytogenes_1639_v164	0.9463
Listeria_monocytogenes_1639_v171	Listeria_monocytogenes_1639_v164	0.933
Listeria_monocytogenes_1639_v170	Listeria_monocytogenes_1639_v164	0.9413
Listeria_monocytogenes_1639_v16	Listeria_monocytogenes_1639_v164	0.9084
Listeria_monocytogenes_1639_v169	Listeria_monocytogenes_1639_v164	0.9433
Listeria_monocytogenes_1639_v168	Listeria_monocytogenes_1639_v164	0.9461
Listeria_monocytogenes_1639_v167	Listeria_monocytogenes_1639_v164	0.9378
Listeria_monocytogenes_1639_v166	Listeria_monocytogenes_1639_v164	0.9465
Listeria_monocytogenes_1639_v165	Listeria_monocytogenes_1639_v164	0.9429
Listeria_monocytogenes_1639_v164	Listeria_monocytogenes_1639_v164	0.0642
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v165	0.8817
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v165	0.8814
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v165	0.8846
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v165	0.819
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v165	0.8358
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v165	0.8858
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v165	0.8793
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v165	0.9362
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v165	0.9711
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v165	0.9601
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v165	0.9725
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v165	0.9379
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v165	0.9616
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v165	0.9607
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v165	0.9373
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v165	0.942
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v165	0.9535
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v165	0.9434
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v165	0.9495
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v165	0.9434
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v165	0.9511
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v165	0.9278
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v165	0.9288
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v165	0.9292
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v165	0.9288
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v165	0.9477
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v165	0.9477
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v165	0.9307
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v165	0.9307
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v165	0.9307
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v165	0.9607
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v165	0.9611
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v165	0.9611
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v165	0.9443
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v165	0.9443
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v165	0.9512
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v165	0.9512
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v165	0.9565
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v165	0.955
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v165	0.9568
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v165	0.9775
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v165	0.9779
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v165	0.9568
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v165	0.9568
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v165	0.9568
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v165	0.9706
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v165	0.9706
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v165	0.9522
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v165	0.9568
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v165	0.9666
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v165	0.9666
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v165	0.9522
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v165	0.9568
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v165	0.9522
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v165	0.9522
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v165	0.9522
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v165	0.9568
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v165	0.9568
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v165	0.9543
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v165	0.9105
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v165	0.9172
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v165	0.9593
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v165	0.9175
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v165	0.9511
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v165	0.9284
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v165	0.9332

Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v165	0.9513
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v165	0.9172
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v165	0.9596
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v165	0.9094
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v165	0.9568
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v165	0.966
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v165	0.9566
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v165	0.9566
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v165	0.9729
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v165	0.947
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v165	0.9428
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v165	0.9425
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v165	0.9491
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v165	0.9299
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v165	0.9288
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v165	0.948
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v165	0.9381
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v165	0.9281
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v165	0.9281
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v165	0.9288
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v165	0.9538
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v165	0.9299
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v165	0.9351
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v165	0.9483
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v165	0.9433
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v165	0.9401
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v165	0.9637
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v165	0.9611
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v165	0.9608
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v165	0.9282
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v165	0.9768
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v165	0.934
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v165	0.9333
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v165	0.9617
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v165	0.9495
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v165	0.9433
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v165	0.958
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v165	0.9614
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v165	0.9548
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v165	0.9624
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v165	0.9175
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v165	0.9468
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v165	0.9546
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v165	0.9325
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v165	0.9502
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v165	0.9579
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v165	0.9429
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v165	0.9288
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v165	0.9523
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v165	0.9477
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v165	0.9695
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v165	0.9582
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v165	0.9656
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v165	0.9454
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v165	0.9566
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v165	0.9582
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v165	0.953
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v165	0.8979
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v165	0.9416
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v165	0.9314
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v165	0.9254
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v165	0.9344
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v165	0.9227
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v165	0.9255
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v165	0.9511
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v165	0.9395
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v165	0.9288
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v165	0.9553
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v165	0.9107
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v165	0.9315
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v165	0.9557
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v165	0.9565
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v165	0.9519
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v165	0.9469
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v16	

Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v165	0.9472
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v165	0.951
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v165	0.9419
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v165	0.9412
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v165	0.9412
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v165	0.9347
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v165	0.9343
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v165	0.9443
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v165	0.9347
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v165	0.9413
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v165	0.9421
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v165	0.9409
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v165	0.9126
Listeria_monocytogenes_1639_v197	Listeria_monocytogenes_1639_v165	0.9431
Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v165	0.9561
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v165	0.9442
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v165	0.942
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v165	0.9424
Listeria_monocytogenes_1639_v192	Listeria_monocytogenes_1639_v165	0.9031
Listeria_monocytogenes_1639_v191	Listeria_monocytogenes_1639_v165	0.9744
Listeria_monocytogenes_1639_v190	Listeria_monocytogenes_1639_v165	0.9706
Listeria_monocytogenes_1639_v18	Listeria_monocytogenes_1639_v165	0.9199
Listeria_monocytogenes_1639_v189	Listeria_monocytogenes_1639_v165	0.9698
Listeria_monocytogenes_1639_v188	Listeria_monocytogenes_1639_v165	0.9674
Listeria_monocytogenes_1639_v187	Listeria_monocytogenes_1639_v165	0.9706
Listeria_monocytogenes_1639_v186	Listeria_monocytogenes_1639_v165	0.9709
Listeria_monocytogenes_1639_v185	Listeria_monocytogenes_1639_v165	0.9709
Listeria_monocytogenes_1639_v184	Listeria_monocytogenes_1639_v165	0.9702
Listeria_monocytogenes_1639_v183	Listeria_monocytogenes_1639_v165	0.9675
Listeria_monocytogenes_1639_v182	Listeria_monocytogenes_1639_v165	0.9697
Listeria_monocytogenes_1639_v181	Listeria_monocytogenes_1639_v165	0.9256
Listeria_monocytogenes_1639_v180	Listeria_monocytogenes_1639_v165	0.9256
Listeria_monocytogenes_1639_v17	Listeria_monocytogenes_1639_v165	0.9202
Listeria_monocytogenes_1639_v179	Listeria_monocytogenes_1639_v165	0.9563
Listeria_monocytogenes_1639_v178	Listeria_monocytogenes_1639_v165	0.9702
Listeria_monocytogenes_1639_v177	Listeria_monocytogenes_1639_v165	0.9458
Listeria_monocytogenes_1639_v176	Listeria_monocytogenes_1639_v165	0.9378
Listeria_monocytogenes_1639_v175	Listeria_monocytogenes_1639_v165	0.9735
Listeria_monocytogenes_1639_v174	Listeria_monocytogenes_1639_v165	0.9687
Listeria_monocytogenes_1639_v173	Listeria_monocytogenes_1639_v165	0.9548
Listeria_monocytogenes_1639_v172	Listeria_monocytogenes_1639_v165	0.9373
Listeria_monocytogenes_1639_v171	Listeria_monocytogenes_1639_v165	0.9581
Listeria_monocytogenes_1639_v170	Listeria_monocytogenes_1639_v165	0.9665
Listeria_monocytogenes_1639_v16	Listeria_monocytogenes_1639_v165	0.9424
Listeria_monocytogenes_1639_v169	Listeria_monocytogenes_1639_v165	0.9992
Listeria_monocytogenes_1639_v168	Listeria_monocytogenes_1639_v165	0.966
Listeria_monocytogenes_1639_v167	Listeria_monocytogenes_1639_v165	0.9585
Listeria_monocytogenes_1639_v166	Listeria_monocytogenes_1639_v165	0.9664
Listeria_monocytogenes_1639_v165	Listeria_monocytogenes_1639_v165	0.0657
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v166	0.8832
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v166	0.8826
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v166	0.8941
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v166	0.8225
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v166	0.8375
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v166	0.8882
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v166	0.8854
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v166	0.9381
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v166	0.9564
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v166	0.9648
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v166	0.9608
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v166	0.9409
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v166	0.938
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v166	0.9464
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v166	0.9392
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v166	0.9534
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v166	0.9397
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v166	0.9454
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v166	0.9367
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v166	0.9454
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v166	0.95
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v166	0.9281
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v166	0.9292
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v166	0.9299
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v166	0.9292
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v166	0.9485
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v166	0.9485
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v166	0.9295
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v166	0.9295
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v166	0.9295
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v166	0.9456
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v166	0.9468
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v166	0.9468
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v166	0.9281
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v166	0.9281
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v166	0.9359
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v166	0.9359
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v166	0.9419
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v166	0.9411
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v166	0.9422
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v166	0.9581
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v166	0.9581

Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v166	0.9422
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v166	0.9426
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v166	0.9426
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v166	0.9735
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v166	0.9735
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v166	0.9373
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v166	0.9419
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v166	0.9535
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v166	0.9535
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v166	0.9519
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v166	0.9422
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v166	0.9373
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v166	0.9373
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v166	0.9373
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v166	0.9422
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v166	0.9419
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v166	0.9419
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v166	0.9137
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v166	0.9099
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v166	0.945
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v166	0.9106
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v166	0.95
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v166	0.9321
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v166	0.9237
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v166	0.9556
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v166	0.9099
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v166	0.945
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v166	0.9104
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v166	0.9412
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v166	0.9716
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v166	0.9551
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v166	0.9548
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v166	0.9615
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v166	0.9478
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v166	0.9437
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v166	0.9436
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v166	0.9379
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v166	0.9123
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v166	0.9336
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v166	0.9441
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v166	0.9377
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v166	0.9326
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v166	0.9326
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v166	0.9329
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v166	0.9494
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v166	0.9333
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v166	0.9267
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v166	0.9441
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v166	0.931
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v166	0.9397
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v166	0.9535
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v166	0.9484
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v166	0.948
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v166	0.9274
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v166	0.9561
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v166	0.9325
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v166	0.9318
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v166	0.9516
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v166	0.9327
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v166	0.931
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v166	0.9494
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v166	0.9509
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v166	0.9572
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v166	0.941
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v166	0.9106
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v166	0.9491
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v166	0.9404
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v166	0.9313
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v166	0.9394
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v166	0.9428
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v166	0.9303
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v166	0.9295
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v166	0.9615
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v166	0.9333
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v166	0.9609
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v166	0.9451
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v166	0.9539
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v166	0.9291
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v166	0.9472
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v166	0.9451
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v166	0.958
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v166	0.8954
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v166	0.9332
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v166	0.9306
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v166	0.9287
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v166	0.9332
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v166	0.9256
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v166	0.9243
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v166	0.955
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v166	0.93
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v166	0.9283

Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v166	0.9407
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v166	0.9072
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v166	0.9288
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v166	0.9407
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v166	0.9419
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v166	0.9607
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v166	0.9324
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v166	0.9422
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v166	0.9422
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v166	0.9411
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v166	0.925
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v166	0.9457
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v166	0.9076
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v166	0.9283
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v166	0.9421
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v166	0.9383
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v166	0.9433
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v166	0.9464
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v166	0.9527
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v166	0.9281
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v166	0.9368
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v166	0.9531
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v166	0.9333
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v166	0.9002
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v166	0.9319
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v166	0.9361
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v166	0.9274
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v166	0.9271
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v166	0.9267
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v166	0.9237
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v166	0.9237
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v166	0.9295
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v166	0.9237
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v166	0.9285
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v166	0.931
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v166	0.9282
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v166	0.9161
Listeria_monocytogenes_1639_v197	Listeria_monocytogenes_1639_v166	0.942
Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v166	0.9444
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v166	0.9533
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v166	0.9538
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v166	0.9542
Listeria_monocytogenes_1639_v192	Listeria_monocytogenes_1639_v166	0.9048
Listeria_monocytogenes_1639_v191	Listeria_monocytogenes_1639_v166	0.9789
Listeria_monocytogenes_1639_v190	Listeria_monocytogenes_1639_v166	0.9743
Listeria_monocytogenes_1639_v18	Listeria_monocytogenes_1639_v166	0.9228
Listeria_monocytogenes_1639_v189	Listeria_monocytogenes_1639_v166	0.9735
Listeria_monocytogenes_1639_v188	Listeria_monocytogenes_1639_v166	0.9699
Listeria_monocytogenes_1639_v187	Listeria_monocytogenes_1639_v166	0.9739
Listeria_monocytogenes_1639_v186	Listeria_monocytogenes_1639_v166	0.9746
Listeria_monocytogenes_1639_v185	Listeria_monocytogenes_1639_v166	0.9743
Listeria_monocytogenes_1639_v184	Listeria_monocytogenes_1639_v166	0.9739
Listeria_monocytogenes_1639_v183	Listeria_monocytogenes_1639_v166	0.9739
Listeria_monocytogenes_1639_v182	Listeria_monocytogenes_1639_v166	0.9762
Listeria_monocytogenes_1639_v181	Listeria_monocytogenes_1639_v166	0.9271
Listeria_monocytogenes_1639_v180	Listeria_monocytogenes_1639_v166	0.9271
Listeria_monocytogenes_1639_v17	Listeria_monocytogenes_1639_v166	0.9228
Listeria_monocytogenes_1639_v179	Listeria_monocytogenes_1639_v166	0.9707
Listeria_monocytogenes_1639_v178	Listeria_monocytogenes_1639_v166	0.9762
Listeria_monocytogenes_1639_v177	Listeria_monocytogenes_1639_v166	0.9513
Listeria_monocytogenes_1639_v176	Listeria_monocytogenes_1639_v166	0.9515
Listeria_monocytogenes_1639_v175	Listeria_monocytogenes_1639_v166	0.9645
Listeria_monocytogenes_1639_v174	Listeria_monocytogenes_1639_v166	0.9766
Listeria_monocytogenes_1639_v173	Listeria_monocytogenes_1639_v166	0.9529
Listeria_monocytogenes_1639_v172	Listeria_monocytogenes_1639_v166	0.9423
Listeria_monocytogenes_1639_v171	Listeria_monocytogenes_1639_v166	0.9593
Listeria_monocytogenes_1639_v170	Listeria_monocytogenes_1639_v166	0.9667
Listeria_monocytogenes_1639_v16	Listeria_monocytogenes_1639_v166	0.9282
Listeria_monocytogenes_1639_v169	Listeria_monocytogenes_1639_v166	0.9668
Listeria_monocytogenes_1639_v168	Listeria_monocytogenes_1639_v166	0.9988
Listeria_monocytogenes_1639_v167	Listeria_monocytogenes_1639_v166	0.9694
Listeria_monocytogenes_1639_v166	Listeria_monocytogenes_1639_v166	0.0696
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v167	0.8772
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v167	0.8765
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v167	0.8915
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v167	0.8277
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v167	0.8352
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v167	0.8809
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v167	0.8776
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v167	0.9296
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v167	0.9535
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v167	0.9673
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v167	0.9567
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v167	0.929
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v167	0.9325
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v167	0.9516
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v167	0.931
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v167	0.9473
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v167	0.9441
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v167	0.9368
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v167	0.9367

Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v167	0.9368
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v167	0.9417
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v167	0.9246
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v167	0.9257
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v167	0.926
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v167	0.9257
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v167	0.938
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v167	0.938
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v167	0.9272
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v167	0.9272
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v167	0.9272
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v167	0.9512
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v167	0.9523
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v167	0.9523
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v167	0.9265
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v167	0.9265
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v167	0.9406
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v167	0.9406
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v167	0.9463
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v167	0.9458
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v167	0.9466
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v167	0.9537
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v167	0.9537
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v167	0.9466
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v167	0.9466
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v167	0.9466
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v167	0.9682
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v167	0.9682
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v167	0.942
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v167	0.9463
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v167	0.9529
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v167	0.9529
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v167	0.9552
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v167	0.9466
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v167	0.942
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v167	0.942
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v167	0.942
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v167	0.9466
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v167	0.9463
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v167	0.9437
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v167	0.9111
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v167	0.9066
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v167	0.9456
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v167	0.9072
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v167	0.9417
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v167	0.9301
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v167	0.9203
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v167	0.9622
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v167	0.9069
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v167	0.9494
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v167	0.9085
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v167	0.938
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v167	0.9593
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v167	0.9553
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v167	0.9553
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v167	0.9575
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v167	0.94
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v167	0.9358
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v167	0.9358
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v167	0.9463
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v167	0.9242
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v167	0.9313
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v167	0.958
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v167	0.9403
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v167	0.9306
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v167	0.9306
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v167	0.931
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v167	0.9395
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v167	0.9321
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v167	0.9233
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v167	0.958
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v167	0.9335
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v167	0.9343
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v167	0.9609
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v167	0.9494
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v167	0.949
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v167	0.924
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v167	0.9585
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v167	0.9301
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v167	0.9294
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v167	0.9503
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v167	0.9365
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v167	0.9335
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v167	0.9485
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v167	0.9503
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v167	0.9581
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v167	0.9499
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v167	0.9072
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v167	0.946
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v167	0.9399
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v167	0.9278

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Listeria_monocytogenes_1639_v168	Listeria_monocytogenes_1639_v167	0.969
Listeria_monocytogenes_1639_v167	Listeria_monocytogenes_1639_v167	0.0651
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v168	0.8829
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v168	0.8822
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v168	0.8938
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v168	0.8222
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v168	0.8372
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v168	0.8878
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v168	0.8851
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v168	0.9378
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v168	0.956
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v168	0.9645
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v168	0.9604
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v168	0.9405
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v168	0.9376
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v168	0.946
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v168	0.9388
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v168	0.953
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v168	0.9393
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v168	0.945
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v168	0.9364
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v168	0.945
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v168	0.9496
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v168	0.9277
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v168	0.9288
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v168	0.9295
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v168	0.9288
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v168	0.9482
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v168	0.9482
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v168	0.9292
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v168	0.9292
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v168	0.9292
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v168	0.9453
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v168	0.9464
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v168	0.9464
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v168	0.9277
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v168	0.9277
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v168	0.9355
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v168	0.9355
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v168	0.9415
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v168	0.9407
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v168	0.9419
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v168	0.9578
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v168	0.9578
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v168	0.9419
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v168	0.9422
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v168	0.9422
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v168	0.9732
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v168	0.9732
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v168	0.9369
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v168	0.9415
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v168	0.9531
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v168	0.9531
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v168	0.9516
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v168	0.9419
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v168	0.9369
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v168	0.9369
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v168	0.9369
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v168	0.9419
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v168	0.9415
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v168	0.9416
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v168	0.9133
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v168	0.9096
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v168	0.9446
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v168	0.9103
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v168	0.9496
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v168	0.9317
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v168	0.9233
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v168	0.9552
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v168	0.9095
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v168	0.9446
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v168	0.91
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v168	0.9408
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v168	0.9712
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v168	0.9544
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v168	0.9544
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v168	0.9612
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v168	0.9474
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v168	0.9433
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v168	0.9433
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v168	0.9375
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v168	0.912
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v168	0.9333
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v168	0.9438
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v168	0.9373
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v168	0.9322
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v168	0.9322
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v168	0.9326
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v168	0.949
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v168	0.9329

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Listeria_monocytogenes_1639_v189	Listeria_monocytogenes_1639_v168	0.9731
Listeria_monocytogenes_1639_v188	Listeria_monocytogenes_1639_v168	0.9695
Listeria_monocytogenes_1639_v187	Listeria_monocytogenes_1639_v168	0.9735
Listeria_monocytogenes_1639_v186	Listeria_monocytogenes_1639_v168	0.9743
Listeria_monocytogenes_1639_v185	Listeria_monocytogenes_1639_v168	0.9739
Listeria_monocytogenes_1639_v184	Listeria_monocytogenes_1639_v168	0.9735
Listeria_monocytogenes_1639_v183	Listeria_monocytogenes_1639_v168	0.9735
Listeria_monocytogenes_1639_v182	Listeria_monocytogenes_1639_v168	0.9758
Listeria_monocytogenes_1639_v181	Listeria_monocytogenes_1639_v168	0.9268
Listeria_monocytogenes_1639_v180	Listeria_monocytogenes_1639_v168	0.9268
Listeria_monocytogenes_1639_v17	Listeria_monocytogenes_1639_v168	0.9224
Listeria_monocytogenes_1639_v179	Listeria_monocytogenes_1639_v168	0.9703
Listeria_monocytogenes_1639_v178	Listeria_monocytogenes_1639_v168	0.9758
Listeria_monocytogenes_1639_v177	Listeria_monocytogenes_1639_v168	0.9509
Listeria_monocytogenes_1639_v176	Listeria_monocytogenes_1639_v168	0.9511
Listeria_monocytogenes_1639_v175	Listeria_monocytogenes_1639_v168	0.9641
Listeria_monocytogenes_1639_v174	Listeria_monocytogenes_1639_v168	0.9763
Listeria_monocytogenes_1639_v173	Listeria_monocytogenes_1639_v168	0.9525
Listeria_monocytogenes_1639_v172	Listeria_monocytogenes_1639_v168	0.942
Listeria_monocytogenes_1639_v171	Listeria_monocytogenes_1639_v168	0.959
Listeria_monocytogenes_1639_v170	Listeria_monocytogenes_1639_v168	0.9663
Listeria_monocytogenes_1639_v16	Listeria_monocytogenes_1639_v168	0.9279
Listeria_monocytogenes_1639_v169	Listeria_monocytogenes_1639_v168	0.9664
Listeria_monocytogenes_1639_v168	Listeria_monocytogenes_1639_v168	0.0692
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v169	0.882
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v169	0.8817
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v169	0.885
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v169	0.8193
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v169	0.8361
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v169	0.8861
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v169	0.8797
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v169	0.9366
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v169	0.9715
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v169	0.9604
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v169	0.9729
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v169	0.9378
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v169	0.9619
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v169	0.9607
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v169	0.9376
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v169	0.9423
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v169	0.9535
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v169	0.9438
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v169	0.9498
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v169	0.9438
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v169	0.951
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v169	0.9281
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v169	0.9292
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v169	0.9295
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v169	0.9292
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v169	0.9477
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v169	0.9477
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v169	0.9311
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v169	0.9311
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v169	0.9311
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v169	0.9607
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v169	0.9611
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v169	0.9611
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v169	0.9447
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v169	0.9447
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v169	0.9515
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v169	0.9515
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v169	0.9568
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v169	0.9553
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v169	0.9572
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v169	0.9775
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v169	0.9779
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v169	0.9572
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v169	0.9572
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v169	0.9572
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v169	0.971
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v169	0.971
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v169	0.9526
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v169	0.9572
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v169	0.967
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v169	0.967
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v169	0.9526
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v169	0.9572
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v169	0.9526
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v169	0.9526
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v169	0.9526
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v169	0.9572
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v169	0.9572
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v169	0.9546
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v169	0.9108
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v169	0.9175
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v169	0.9592
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v169	0.9179
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v169	0.951
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v169	0.9287
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v169	0.9335
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v169	0.9517

Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v169	0.9175
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v169	0.9596
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v169	0.9097
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v169	0.9568
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v169	0.9663
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v169	0.9565
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v169	0.9565
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v169	0.9732
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v169	0.947
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v169	0.9432
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v169	0.9428
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v169	0.9494
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v169	0.9299
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v169	0.9291
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v169	0.9486
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v169	0.938
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v169	0.9284
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v169	0.9285
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v169	0.9292
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v169	0.9542
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v169	0.9303
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v169	0.9354
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v169	0.9486
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v169	0.9436
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v169	0.9405
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v169	0.964
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v169	0.9615
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v169	0.9611
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v169	0.9286
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v169	0.9765
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v169	0.9344
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v169	0.9337
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v169	0.9621
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v169	0.9499
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v169	0.9436
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v169	0.9584
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v169	0.9618
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v169	0.9551
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v169	0.9624
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v169	0.9179
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v169	0.9472
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v169	0.9546
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v169	0.9328
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v169	0.9506
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v169	0.9578
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v169	0.9433
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v169	0.9292
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v169	0.9526
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v169	0.9477
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v169	0.9699
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v169	0.9586
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v169	0.9659
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v169	0.9457
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v169	0.957
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v169	0.9586
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v169	0.9534
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v169	0.8982
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v169	0.942
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v169	0.9317
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v169	0.9257
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v169	0.9347
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v169	0.923
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v169	0.9255
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v169	0.9515
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v169	0.9399
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v169	0.9291
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v169	0.9557
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v169	0.911
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v169	0.9319
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v169	0.9557
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v169	0.9568
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v169	0.9523
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v169	0.9473
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v169	0.9572
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v169	

Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v169	0.9514
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v169	0.9419
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v169	0.9412
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v169	0.9412
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v169	0.935
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v169	0.9347
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v169	0.9446
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v169	0.935
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v169	0.9413
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v169	0.9424
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v169	0.9409
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v169	0.9125
Listeria_monocytogenes_1639_v197	Listeria_monocytogenes_1639_v169	0.9427
Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v169	0.9565
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v169	0.9446
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v169	0.9424
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v169	0.9428
Listeria_monocytogenes_1639_v192	Listeria_monocytogenes_1639_v169	0.9035
Listeria_monocytogenes_1639_v191	Listeria_monocytogenes_1639_v169	0.9748
Listeria_monocytogenes_1639_v190	Listeria_monocytogenes_1639_v169	0.9709
Listeria_monocytogenes_1639_v18	Listeria_monocytogenes_1639_v169	0.9202
Listeria_monocytogenes_1639_v189	Listeria_monocytogenes_1639_v169	0.9702
Listeria_monocytogenes_1639_v188	Listeria_monocytogenes_1639_v169	0.9678
Listeria_monocytogenes_1639_v187	Listeria_monocytogenes_1639_v169	0.9709
Listeria_monocytogenes_1639_v186	Listeria_monocytogenes_1639_v169	0.9713
Listeria_monocytogenes_1639_v185	Listeria_monocytogenes_1639_v169	0.9713
Listeria_monocytogenes_1639_v184	Listeria_monocytogenes_1639_v169	0.9705
Listeria_monocytogenes_1639_v183	Listeria_monocytogenes_1639_v169	0.9671
Listeria_monocytogenes_1639_v182	Listeria_monocytogenes_1639_v169	0.9693
Listeria_monocytogenes_1639_v181	Listeria_monocytogenes_1639_v169	0.9256
Listeria_monocytogenes_1639_v180	Listeria_monocytogenes_1639_v169	0.9256
Listeria_monocytogenes_1639_v17	Listeria_monocytogenes_1639_v169	0.9206
Listeria_monocytogenes_1639_v179	Listeria_monocytogenes_1639_v169	0.9563
Listeria_monocytogenes_1639_v178	Listeria_monocytogenes_1639_v169	0.9706
Listeria_monocytogenes_1639_v177	Listeria_monocytogenes_1639_v169	0.9462
Listeria_monocytogenes_1639_v176	Listeria_monocytogenes_1639_v169	0.9382
Listeria_monocytogenes_1639_v175	Listeria_monocytogenes_1639_v169	0.9739
Listeria_monocytogenes_1639_v174	Listeria_monocytogenes_1639_v169	0.9691
Listeria_monocytogenes_1639_v173	Listeria_monocytogenes_1639_v169	0.9547
Listeria_monocytogenes_1639_v172	Listeria_monocytogenes_1639_v169	0.9376
Listeria_monocytogenes_1639_v171	Listeria_monocytogenes_1639_v169	0.9584
Listeria_monocytogenes_1639_v170	Listeria_monocytogenes_1639_v169	0.9669
Listeria_monocytogenes_1639_v16	Listeria_monocytogenes_1639_v169	0.9427
Listeria_monocytogenes_1639_v169	Listeria_monocytogenes_1639_v169	0.0653
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v16	0.8531
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v16	0.8525
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v16	0.8583
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v16	0.7997
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v16	0.8273
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v16	0.8559
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v16	0.8534
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v16	0.9033
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v16	0.9385
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v16	0.9342
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v16	0.9386
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v16	0.9131
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v16	0.9216
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v16	0.9367
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v16	0.9046
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v16	0.9075
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v16	0.9375
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v16	0.9092
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v16	0.9202
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v16	0.9092
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v16	0.9158
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v16	0.9009
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v16	0.902
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v16	0.9026
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v16	0.902
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v16	0.9127
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v16	0.9127
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v16	0.9038
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v16	0.9038
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v16	0.9038
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v16	0.9396
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v16	0.9403
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v16	0.9403
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v16	0.9301
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v16	0.9301
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v16	0.9881
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v16	0.9881
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v16	0.9834
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v16	0.9794
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v16	0.9852
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v16	0.9364
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v16	0.9364
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v16	0.9852
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v16	0.9819
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v16	0.9819
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v16	0.9349
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v16	0.9349

Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v16	0.9899
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v16	0.9852
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v16	0.9401
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v16	0.9401
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v16	0.9748
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v16	0.9852
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v16	0.9899
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v16	0.9899
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v16	0.9899
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v16	0.9852
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v16	0.9848
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v16	0.9707
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v16	0.8807
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v16	0.8878
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v16	0.9299
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v16	0.8884
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v16	0.9158
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v16	0.9067
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v16	0.9071
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v16	0.9291
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v16	0.8877
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v16	0.9375
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v16	0.8767
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v16	0.9191
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v16	0.9352
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v16	0.9292
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v16	0.9296
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v16	0.9393
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v16	0.9128
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v16	0.9081
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v16	0.9081
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v16	0.9416
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v16	0.9099
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v16	0.9147
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v16	0.936
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v16	0.9111
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v16	0.9133
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v16	0.9133
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v16	0.9137
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v16	0.9356
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v16	0.9155
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v16	0.9084
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v16	0.936
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v16	0.9621
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v16	0.9144
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v16	0.9424
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v16	0.935
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v16	0.9343
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v16	0.9011
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v16	0.943
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v16	0.9033
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v16	0.903
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v16	0.9464
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v16	0.9218
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v16	0.9621
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v16	0.9432
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v16	0.9471
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v16	0.9338
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v16	0.9396
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v16	0.8884
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v16	0.9295
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v16	0.9368
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v16	0.9039
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v16	0.9304
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v16	0.9391
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v16	0.9614
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v16	0.9023
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v16	0.9226
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v16	0.9219
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v16	0.9358
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v16	0.9619
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v16	0.9406
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v16	0.93
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v16	0.9502
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v16	0.9626
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v16	0.9299
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v16	0.8998
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v16	0.9087
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v16	0.904
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v16	0.9046
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v16	0.9098
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v16	0.9089
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v16	0.9037
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v16	0.9197
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v16	0.9101
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v16	0.9063
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v16	0.9841
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v16	0.9051
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v16	0.8998
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v16	0.9447
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v16	0.9805

Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v16	0.9263
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v16	0.9953
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v16	0.9852
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v16	0.9852
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v16	0.9263
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v16	0.93
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v16	0.94
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v16	0.9058
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v16	0.9209
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v16	0.9246
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v16	0.9196
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v16	0.937
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v16	0.9363
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v16	0.9341
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v16	0.9301
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v16	0.9276
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v16	0.9341
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v16	0.9118
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v16	0.898
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v16	0.9355
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v16	0.9327
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v16	0.9251
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v16	0.9255
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v16	0.9255
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v16	0.9056
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v16	0.9056
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v16	0.9274
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v16	0.9049
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v16	0.9312
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v16	0.9442
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v16	0.9305
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v16	0.8821
Listeria_monocytogenes_1639_v197	Listeria_monocytogenes_1639_v16	0.9169
Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v16	0.9226
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v16	0.9096
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v16	0.9079
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v16	0.9082
Listeria_monocytogenes_1639_v192	Listeria_monocytogenes_1639_v16	0.8736
Listeria_monocytogenes_1639_v191	Listeria_monocytogenes_1639_v16	0.9325
Listeria_monocytogenes_1639_v190	Listeria_monocytogenes_1639_v16	0.9355
Listeria_monocytogenes_1639_v18	Listeria_monocytogenes_1639_v16	0.9005
Listeria_monocytogenes_1639_v189	Listeria_monocytogenes_1639_v16	0.9348
Listeria_monocytogenes_1639_v188	Listeria_monocytogenes_1639_v16	0.9305
Listeria_monocytogenes_1639_v187	Listeria_monocytogenes_1639_v16	0.9351
Listeria_monocytogenes_1639_v186	Listeria_monocytogenes_1639_v16	0.9359
Listeria_monocytogenes_1639_v185	Listeria_monocytogenes_1639_v16	0.9355
Listeria_monocytogenes_1639_v184	Listeria_monocytogenes_1639_v16	0.9351
Listeria_monocytogenes_1639_v183	Listeria_monocytogenes_1639_v16	0.9277
Listeria_monocytogenes_1639_v182	Listeria_monocytogenes_1639_v16	0.9298
Listeria_monocytogenes_1639_v181	Listeria_monocytogenes_1639_v16	0.8882
Listeria_monocytogenes_1639_v180	Listeria_monocytogenes_1639_v16	0.8882
Listeria_monocytogenes_1639_v17	Listeria_monocytogenes_1639_v16	0.9005
Listeria_monocytogenes_1639_v179	Listeria_monocytogenes_1639_v16	0.9321
Listeria_monocytogenes_1639_v178	Listeria_monocytogenes_1639_v16	0.9337
Listeria_monocytogenes_1639_v177	Listeria_monocytogenes_1639_v16	0.9124
Listeria_monocytogenes_1639_v176	Listeria_monocytogenes_1639_v16	0.9046
Listeria_monocytogenes_1639_v175	Listeria_monocytogenes_1639_v16	0.9435
Listeria_monocytogenes_1639_v174	Listeria_monocytogenes_1639_v16	0.9349
Listeria_monocytogenes_1639_v173	Listeria_monocytogenes_1639_v16	0.9185
Listeria_monocytogenes_1639_v172	Listeria_monocytogenes_1639_v16	0.903
Listeria_monocytogenes_1639_v171	Listeria_monocytogenes_1639_v16	0.9417
Listeria_monocytogenes_1639_v170	Listeria_monocytogenes_1639_v16	0.9404
Listeria_monocytogenes_1639_v16	Listeria_monocytogenes_1639_v16	0.0734
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v170	0.8784
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v170	0.8781
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v170	0.8907
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v170	0.8215
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v170	0.8317
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v170	0.8875
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v170	0.8784
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v170	0.9346
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v170	0.976
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v170	0.9642
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v170	0.9797
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v170	0.9393
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v170	0.9405
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v170	0.9512
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v170	0.9357
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v170	0.9489
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v170	0.9437
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v170	0.9418
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v170	0.9579
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v170	0.9418
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v170	0.9487
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v170	0.9265
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v170	0.9276
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v170	0.9279
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v170	0.9276
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v170	0.9472
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v170	0.9472
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v170	0.928

Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v170	0.928
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v170	0.928
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v170	0.9508
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v170	0.9519
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v170	0.9519
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v170	0.9412
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v170	0.9412
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v170	0.95
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v170	0.95
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v170	0.947
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v170	0.9462
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v170	0.947
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v170	0.9591
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v170	0.9595
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v170	0.947
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v170	0.9473
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v170	0.9473
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v170	0.9795
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v170	0.9795
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v170	0.9503
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v170	0.947
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v170	0.9734
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v170	0.9734
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v170	0.9556
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v170	0.947
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v170	0.9503
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v170	0.9503
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v170	0.9503
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v170	0.947
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v170	0.947
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v170	0.9452
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v170	0.9129
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v170	0.9043
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v170	0.9498
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v170	0.9047
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v170	0.9487
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v170	0.929
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v170	0.9255
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v170	0.9505
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v170	0.9043
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v170	0.9501
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v170	0.9134
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v170	0.9445
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v170	0.9667
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v170	0.958
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v170	0.958
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v170	0.9805
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v170	0.9473
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v170	0.9428
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v170	0.9424
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v170	0.9359
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v170	0.9183
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v170	0.9302
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v170	0.9557
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v170	0.9368
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v170	0.9291
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v170	0.9291
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v170	0.9298
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v170	0.9458
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v170	0.9298
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v170	0.9252
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v170	0.9557
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v170	0.9347
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v170	0.9396
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v170	0.9606
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v170	0.9679
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v170	0.9679
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v170	0.9258
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v170	0.9536
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v170	0.9324
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v170	0.9321
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v170	0.9495
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v170	0.9373
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v170	0.9347
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v170	0.9474
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v170	0.9492
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v170	0.9524
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v170	0.9537
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v170	0.9047
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v170	0.9671
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v170	0.9444
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v170	0.9309
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v170	0.937
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v170	0.9476
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v170	0.9343
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v170	0.9276
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v170	0.9514
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v170	0.9382
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v170	0.9573
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v170	0.9582
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v170	0.9591

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Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v171	0.9715
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v171	0.9477
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v171	0.9328
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v171	0.9437
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v171	0.9279
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v171	0.9405
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v171	0.9516
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v171	0.9335
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v171	0.9498
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v171	0.9335
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v171	0.9403
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v171	0.9189
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v171	0.92
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v171	0.9203
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v171	0.92
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v171	0.9389
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v171	0.9389
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v171	0.9203
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v171	0.9203
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v171	0.9203
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v171	0.9433
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v171	0.9445
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v171	0.9445
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v171	0.9331
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v171	0.9331
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v171	0.943
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v171	0.943
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v171	0.9396
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v171	0.9389
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v171	0.9396
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v171	0.9508
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v171	0.9511
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v171	0.9396
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v171	0.94
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v171	0.94
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v171	0.9708
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v171	0.9708
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v171	0.9429
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v171	0.9396
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v171	0.9657
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v171	0.9657
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v171	0.948
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v171	0.9396
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v171	0.9429
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v171	0.9429
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v171	0.9429
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v171	0.9396
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v171	0.9396
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v171	0.946
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v171	0.9056
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v171	0.8973
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v171	0.9423
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v171	0.8977
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v171	0.9403
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v171	0.921
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v171	0.918
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v171	0.9434
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v171	0.8973
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v171	0.9427
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v171	0.9066
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v171	0.9363
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v171	0.9585
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v171	0.9504
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v171	0.9504
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v171	0.9723
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v171	0.939
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v171	0.9349
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v171	0.9345
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v171	0.938
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v171	0.9109
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v171	0.9312
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v171	0.9479
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v171	0.9287
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v171	0.9305
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v171	0.9305
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v171	0.9312
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v171	0.9474
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v171	0.9308
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v171	0.9172
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v171	0.9479
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v171	0.9378
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v171	0.9314
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v171	0.953
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v171	0.9599
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v171	0.9599
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v171	0.9182
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v171	0.9453
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v171	0.9247
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v171	0.9244
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v171	0.9421
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v171	0.9291

[illegible]

[illegible]

[illegible]

Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v173	0.9222
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v173	0.9222
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v173	0.9218
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v173	0.9459
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v173	0.9459
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v173	0.953
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v173	0.9456
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v173	0.9529
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v173	0.9183
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v173	0.9526
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v173	0.909
Listeria_monocytogenes_1639_v197	Listeria_monocytogenes_1639_v173	0.9386
Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v173	0.9338
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v173	0.9513
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v173	0.9498
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v173	0.9498
Listeria_monocytogenes_1639_v192	Listeria_monocytogenes_1639_v173	0.9131
Listeria_monocytogenes_1639_v191	Listeria_monocytogenes_1639_v173	0.959
Listeria_monocytogenes_1639_v190	Listeria_monocytogenes_1639_v173	0.9633
Listeria_monocytogenes_1639_v18	Listeria_monocytogenes_1639_v173	0.9422
Listeria_monocytogenes_1639_v189	Listeria_monocytogenes_1639_v173	0.9622
Listeria_monocytogenes_1639_v188	Listeria_monocytogenes_1639_v173	0.9625
Listeria_monocytogenes_1639_v187	Listeria_monocytogenes_1639_v173	0.9629
Listeria_monocytogenes_1639_v186	Listeria_monocytogenes_1639_v173	0.9633
Listeria_monocytogenes_1639_v185	Listeria_monocytogenes_1639_v173	0.9633
Listeria_monocytogenes_1639_v184	Listeria_monocytogenes_1639_v173	0.9625
Listeria_monocytogenes_1639_v183	Listeria_monocytogenes_1639_v173	0.9567
Listeria_monocytogenes_1639_v182	Listeria_monocytogenes_1639_v173	0.959
Listeria_monocytogenes_1639_v181	Listeria_monocytogenes_1639_v173	0.9321
Listeria_monocytogenes_1639_v180	Listeria_monocytogenes_1639_v173	0.9321
Listeria_monocytogenes_1639_v17	Listeria_monocytogenes_1639_v173	0.9422
Listeria_monocytogenes_1639_v179	Listeria_monocytogenes_1639_v173	0.9417
Listeria_monocytogenes_1639_v178	Listeria_monocytogenes_1639_v173	0.9629
Listeria_monocytogenes_1639_v177	Listeria_monocytogenes_1639_v173	0.9706
Listeria_monocytogenes_1639_v176	Listeria_monocytogenes_1639_v173	0.9483
Listeria_monocytogenes_1639_v175	Listeria_monocytogenes_1639_v173	0.9513
Listeria_monocytogenes_1639_v174	Listeria_monocytogenes_1639_v173	0.9614
Listeria_monocytogenes_1639_v173	Listeria_monocytogenes_1639_v173	0.0686
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v174	0.8832
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v174	0.8825
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v174	0.8964
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v174	0.8244
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v174	0.837
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v174	0.8935
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v174	0.8884
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v174	0.9442
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v174	0.9648
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v174	0.9679
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v174	0.9692
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v174	0.9489
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v174	0.946
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v174	0.9547
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v174	0.9457
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v174	0.9557
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v174	0.9475
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v174	0.9515
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v174	0.9452
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v174	0.9515
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v174	0.9557
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v174	0.9345
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v174	0.9356
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v174	0.9363
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v174	0.9356
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v174	0.952
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v174	0.952
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v174	0.936
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v174	0.936
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v174	0.936
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v174	0.954
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v174	0.9551
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v174	0.9551
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v174	0.9356
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v174	0.9356
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v174	0.9429
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v174	0.9429
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v174	0.949
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v174	0.9482
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v174	0.9494
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v174	0.9631
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v174	0.9631
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v174	0.9494
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v174	0.9497
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v174	0.9497
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v174	0.9798
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v174	0.9798
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v174	0.9444
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v174	0.949
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v174	0.9618
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v174	0.9618
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v174	0.9591
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v174	0.9494

Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v174	0.9444
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v174	0.9444
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v174	0.9444
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v174	0.9494
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v174	0.949
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v174	0.9479
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v174	0.9166
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v174	0.9136
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v174	0.9533
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v174	0.9143
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v174	0.9557
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v174	0.9343
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v174	0.9289
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v174	0.9559
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v174	0.914
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v174	0.9533
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v174	0.9176
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v174	0.9496
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v174	0.9778
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v174	0.9632
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v174	0.9632
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v174	0.97
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v174	0.954
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v174	0.949
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v174	0.949
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v174	0.9427
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v174	0.9208
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v174	0.9351
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v174	0.9517
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v174	0.9426
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v174	0.934
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v174	0.934
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v174	0.9344
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v174	0.9509
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v174	0.9351
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v174	0.9331
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v174	0.9517
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v174	0.9373
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v174	0.9478
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v174	0.9596
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v174	0.9571
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v174	0.9567
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v174	0.9338
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v174	0.9583
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v174	0.9378
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v174	0.9375
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v174	0.9576
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v174	0.9411
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v174	0.9373
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v174	0.9555
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v174	0.9569
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v174	0.9568
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v174	0.9459
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v174	0.9143
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v174	0.9563
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v174	0.9482
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v174	0.9366
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v174	0.9416
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v174	0.9515
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v174	0.9366
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v174	0.936
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v174	0.9622
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v174	0.9416
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v174	0.9651
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v174	0.9519
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v174	0.9528
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v174	0.9367
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v174	0.9537
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v174	0.9522
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v174	0.958
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v174	0.9012
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v174	0.9385
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v174	0.9385
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v174	0.9316
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v174	0.9389
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v174	0.9274
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v174	0.93
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v174	0.9538
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v174	0.9353
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v174	0.9332
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v174	0.9478
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v174	0.9142
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v174	0.9352
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v174	0.949
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v174	0.949
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v174	0.9615
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v174	0.9391
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v174	0.9494
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v174	0.9494
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v174	0.9395
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v174	0.9306

Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v174	0.9536
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v174	0.9145
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v174	0.9362
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v174	0.9508
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v174	0.9461
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v174	0.9643
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v174	0.9544
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v174	0.9538
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v174	0.9356
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v174	0.9447
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v174	0.9542
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v174	0.9404
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v174	0.907
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v174	0.9397
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v174	0.9447
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v174	0.9352
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v174	0.9348
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v174	0.9345
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v174	0.9289
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v174	0.9289
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v174	0.937
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v174	0.9289
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v174	0.9371
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v174	0.9354
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v174	0.9368
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v174	0.9187
Listeria_monocytogenes_1639_v197	Listeria_monocytogenes_1639_v174	0.9496
Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v174	0.953
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v174	0.9568
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v174	0.9561
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v174	0.9565
Listeria_monocytogenes_1639_v192	Listeria_monocytogenes_1639_v174	0.9097
Listeria_monocytogenes_1639_v191	Listeria_monocytogenes_1639_v174	0.9812
Listeria_monocytogenes_1639_v190	Listeria_monocytogenes_1639_v174	0.9828
Listeria_monocytogenes_1639_v18	Listeria_monocytogenes_1639_v174	0.9257
Listeria_monocytogenes_1639_v189	Listeria_monocytogenes_1639_v174	0.9821
Listeria_monocytogenes_1639_v188	Listeria_monocytogenes_1639_v174	0.9773
Listeria_monocytogenes_1639_v187	Listeria_monocytogenes_1639_v174	0.9824
Listeria_monocytogenes_1639_v186	Listeria_monocytogenes_1639_v174	0.9832
Listeria_monocytogenes_1639_v185	Listeria_monocytogenes_1639_v174	0.9828
Listeria_monocytogenes_1639_v184	Listeria_monocytogenes_1639_v174	0.9824
Listeria_monocytogenes_1639_v183	Listeria_monocytogenes_1639_v174	0.9739
Listeria_monocytogenes_1639_v182	Listeria_monocytogenes_1639_v174	0.9762
Listeria_monocytogenes_1639_v181	Listeria_monocytogenes_1639_v174	0.9336
Listeria_monocytogenes_1639_v180	Listeria_monocytogenes_1639_v174	0.9336
Listeria_monocytogenes_1639_v17	Listeria_monocytogenes_1639_v174	0.9257
Listeria_monocytogenes_1639_v179	Listeria_monocytogenes_1639_v174	0.9668
Listeria_monocytogenes_1639_v178	Listeria_monocytogenes_1639_v174	0.977
Listeria_monocytogenes_1639_v177	Listeria_monocytogenes_1639_v174	0.9536
Listeria_monocytogenes_1639_v176	Listeria_monocytogenes_1639_v174	0.9491
Listeria_monocytogenes_1639_v175	Listeria_monocytogenes_1639_v174	0.9671
Listeria_monocytogenes_1639_v174	Listeria_monocytogenes_1639_v174	0.0635
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v175	0.8802
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v175	0.8795
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v175	0.8871
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v175	0.8186
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v175	0.834
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v175	0.8847
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v175	0.8771
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v175	0.9344
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v175	0.9681
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v175	0.9789
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v175	0.9702
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v175	0.9345
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v175	0.9521
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v175	0.9577
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v175	0.9358
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v175	0.9432
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v175	0.9509
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v175	0.9419
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v175	0.9472
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v175	0.9419
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v175	0.9438
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v175	0.9274
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v175	0.9285
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v175	0.9292
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v175	0.9285
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v175	0.9431
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v175	0.9431
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v175	0.9296
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v175	0.9296
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v175	0.9296
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v175	0.9577
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v175	0.9588
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v175	0.9588
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v175	0.9429
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v175	0.9429
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v175	0.9516
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v175	0.9516
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v175	0.9569
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v175	0.9568

Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v175	0.958
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v175	0.9703
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v175	0.9703
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v175	0.958
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v175	0.9576
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v175	0.9576
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v175	0.9672
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v175	0.9672
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v175	0.953
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v175	0.9576
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v175	0.9663
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v175	0.9663
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v175	0.9549
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v175	0.958
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v175	0.953
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v175	0.953
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v175	0.953
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v175	0.958
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v175	0.9576
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v175	0.9543
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v175	0.912
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v175	0.9105
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v175	0.9567
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v175	0.9112
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v175	0.9438
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v175	0.925
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v175	0.9298
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v175	0.9517
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v175	0.9109
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v175	0.9566
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v175	0.9106
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v175	0.9523
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v175	0.9683
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v175	0.9562
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v175	0.9562
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v175	0.971
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v175	0.9424
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v175	0.9383
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v175	0.9383
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v175	0.9461
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v175	0.9266
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v175	0.925
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v175	0.9471
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v175	0.9336
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v175	0.9247
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v175	0.9248
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v175	0.9251
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v175	0.9542
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v175	0.9247
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v175	0.9351
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v175	0.9471
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v175	0.9448
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v175	0.936
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v175	0.9618
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v175	0.9623
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v175	0.9619
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v175	0.9268
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v175	0.9617
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v175	0.9303
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v175	0.9296
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v175	0.9633
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v175	0.9465
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v175	0.9448
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v175	0.9592
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v175	0.9629
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v175	0.954
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v175	0.9568
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v175	0.9112
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v175	0.9446
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v175	0.9528
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v175	0.9291
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v175	0.9416
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v175	0.956
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v175	0.9441
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v175	0.9289
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v175	0.9496
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v175	0.9493
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v175	0.9684
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v175	0.9586
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v175	0.9618
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v175	0.942
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v175	0.9593
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v175	0.9594
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v175	0.9527
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v175	0.8965
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v175	0.9386
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v175	0.9303
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v175	0.9213
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v175	0.9303
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v175	0.9171
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v175	0.9275

Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v175	0.9515
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v175	0.9366
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v175	0.925
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v175	0.9565
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v175	0.9093
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v175	0.9289
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v175	0.9535
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v175	0.9595
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v175	0.95
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v175	0.9477
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v175	0.958
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v175	0.958
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v175	0.9392
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v175	0.9362
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v175	0.9585
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v175	0.9097
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v175	0.9409
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v175	0.9534
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v175	0.9461
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v175	0.9489
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v175	0.9577
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v175	0.9564
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v175	0.9429
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v175	0.9484
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v175	0.9568
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v175	0.9337
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v175	0.8979
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v175	0.9454
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v175	0.9507
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v175	0.9405
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v175	0.9401
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v175	0.9398
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v175	0.9283
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v175	0.9283
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v175	0.9435
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v175	0.9291
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v175	0.9372
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v175	0.9396
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v175	0.9369
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v175	0.9144
Listeria_monocytogenes_1639_v197	Listeria_monocytogenes_1639_v175	0.9428
Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v175	0.9545
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v175	0.9451
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v175	0.9436
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v175	0.944
Listeria_monocytogenes_1639_v192	Listeria_monocytogenes_1639_v175	0.9025
Listeria_monocytogenes_1639_v191	Listeria_monocytogenes_1639_v175	0.9694
Listeria_monocytogenes_1639_v190	Listeria_monocytogenes_1639_v175	0.9694
Listeria_monocytogenes_1639_v18	Listeria_monocytogenes_1639_v175	0.9166
Listeria_monocytogenes_1639_v189	Listeria_monocytogenes_1639_v175	0.969
Listeria_monocytogenes_1639_v188	Listeria_monocytogenes_1639_v175	0.9674
Listeria_monocytogenes_1639_v187	Listeria_monocytogenes_1639_v175	0.9694
Listeria_monocytogenes_1639_v186	Listeria_monocytogenes_1639_v175	0.9698
Listeria_monocytogenes_1639_v185	Listeria_monocytogenes_1639_v175	0.9694
Listeria_monocytogenes_1639_v184	Listeria_monocytogenes_1639_v175	0.9694
Listeria_monocytogenes_1639_v183	Listeria_monocytogenes_1639_v175	0.9663
Listeria_monocytogenes_1639_v182	Listeria_monocytogenes_1639_v175	0.9686
Listeria_monocytogenes_1639_v181	Listeria_monocytogenes_1639_v175	0.9226
Listeria_monocytogenes_1639_v180	Listeria_monocytogenes_1639_v175	0.9226
Listeria_monocytogenes_1639_v17	Listeria_monocytogenes_1639_v175	0.9166
Listeria_monocytogenes_1639_v179	Listeria_monocytogenes_1639_v175	0.9586
Listeria_monocytogenes_1639_v178	Listeria_monocytogenes_1639_v175	0.9714
Listeria_monocytogenes_1639_v177	Listeria_monocytogenes_1639_v175	0.9416
Listeria_monocytogenes_1639_v176	Listeria_monocytogenes_1639_v175	0.939
Listeria_monocytogenes_1639_v175	Listeria_monocytogenes_1639_v175	0.0633
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v176	0.8865
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v176	0.8862
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v176	0.8919
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v176	0.8299
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v176	0.8288
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v176	0.8934
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v176	0.8844
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v176	0.9378
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v176	0.9295
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v176	0.9394
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v176	0.9338
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v176	0.9302
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v176	0.9299
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v176	0.927
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v176	0.9392
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v176	0.9657
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v176	0.9196
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v176	0.9451
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v176	0.9102
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v176	0.9451
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v176	0.9485
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v176	0.9284
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v176	0.9295
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v176	0.9306
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v176	0.9295
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v176	0.9475

Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v176	0.9475
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v176	0.9295
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v176	0.9295
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v176	0.9295
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v176	0.9258
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v176	0.927
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v176	0.927
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v176	0.9227
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v176	0.9227
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v176	0.9121
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v176	0.9121
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v176	0.918
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v176	0.9172
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v176	0.9183
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v176	0.9343
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v176	0.9343
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v176	0.9183
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v176	0.9187
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v176	0.9187
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v176	0.9452
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v176	0.9452
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v176	0.9135
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v176	0.918
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v176	0.9267
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v176	0.9267
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v176	0.9279
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v176	0.9183
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v176	0.9135
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v176	0.9135
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v176	0.9135
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v176	0.9183
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v176	0.918
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v176	0.9177
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v176	0.8946
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v176	0.9276
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v176	0.9256
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v176	0.9283
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v176	0.9485
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v176	0.9271
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v176	0.9233
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v176	0.9324
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v176	0.9276
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v176	0.9252
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v176	0.9211
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v176	0.935
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v176	0.9475
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v176	0.9348
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v176	0.9348
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v176	0.9346
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v176	0.9444
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v176	0.9433
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v176	0.9433
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v176	0.9127
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v176	0.9062
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v176	0.9283
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v176	0.9285
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v176	0.9339
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v176	0.9272
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v176	0.9272
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v176	0.9276
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v176	0.9236
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v176	0.9279
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v176	0.9263
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v176	0.9285
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v176	0.9074
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v176	0.9402
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v176	0.9256
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v176	0.9213
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v176	0.921
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v176	0.9278
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v176	0.9277
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v176	0.9321
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v176	0.9314
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v176	0.9275
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v176	0.9277
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v176	0.9074
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v176	0.9254
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v176	0.9268
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v176	0.9308
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v176	0.9179
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v176	0.9283
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v176	0.9221
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v176	0.921
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v176	0.9309
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v176	0.917
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v176	0.9235
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v176	0.9067
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v176	0.9299
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v176	0.9382
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v176	0.9271
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v176	0.9321

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Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v180	0.9134
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v180	0.9321
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v180	0.9226
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v180	0.9293
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v180	0.9239
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v180	0.9243
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v180	0.9191
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v180	0.934
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v180	0.9361
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v180	0.9357
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v180	0.9001
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v180	0.8949
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v180	0.9165
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v180	0.9118
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v180	0.9244
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v180	0.9154
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v180	0.9155
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v180	0.9162
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v180	0.9055
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v180	0.9162
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v180	0.9198
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v180	0.9118
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v180	0.8901
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v180	0.9273
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v180	0.9101
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v180	0.9062
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v180	0.9062
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v180	0.9219
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v180	0.9155
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v180	0.9251
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v180	0.9244
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v180	0.91
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v180	0.9128
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v180	0.8901
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v180	0.9083
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v180	0.9093
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v180	0.9116
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v180	0.9051
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v180	0.9342
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v180	0.9078
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v180	0.909
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v180	0.9235
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v180	0.8972
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v180	0.9114
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v180	0.8898
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v180	0.9237
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v180	0.9202
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v180	0.9149
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v180	0.9163
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v180	0.9038
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v180	0.9136
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v180	0.9083
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v180	0.9059
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v180	0.9038
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v180	0.9153
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v180	0.8757
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v180	0.9254
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v180	0.9251
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v180	0.9121
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v180	0.9258
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v180	0.9087
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v180	0.9127
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v180	0.9168
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v180	0.9219
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v180	0.9206
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v180	0.9004
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v180	0.8877
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v180	0.9234
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v180	0.9093
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v180	0.9012
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v180	0.9191
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v180	0.8925
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v180	0.9015
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v180</	

Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v181	0.9338
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v181	0.9138
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v181	0.9342
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v181	0.9408
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v181	0.9153
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v181	0.9164
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v181	0.9134
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v181	0.9338
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v181	0.9134
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v181	0.9321
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v181	0.9226
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v181	0.9293
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v181	0.9239
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v181	0.9243
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v181	0.9191
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v181	0.9341
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v181	0.9361
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v181	0.9357
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v181	0.9001
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v181	0.8949
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v181	0.9165
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v181	0.9118
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v181	0.9245
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v181	0.9154
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v181	0.9155
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v181	0.9162
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v181	0.9055
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v181	0.9162
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v181	0.9198
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v181	0.9118
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v181	0.8901
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v181	0.9273
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v181	0.9101
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v181	0.9062
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v181	0.9062
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v181	0.9219
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v181	0.9155
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v181	0.9251
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v181	0.9244
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v181	0.91
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v181	0.9128
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v181	0.8901
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v181	0.9083
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v181	0.9093
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v181	0.9116
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v181	0.9051
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v181	0.9342
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v181	0.9078
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v181	0.909
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v181	0.9235
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v181	0.8972
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v181	0.9114
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v181	0.8898
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v181	0.9237
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Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v181	0.9149
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v181	0.9163
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v181	0.9038
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v181	0.9136
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v181	0.9083
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v181	0.9059
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v181	0.9038
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v181	0.9153
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v181	0.8757
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v181	0.9254
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v181	0.9251
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v181	0.9121
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v181	0.9258
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v181	0.9087
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v181	0.9127
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v181	0.9168
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v181	0.9219
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v181	0.9206
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v181	0.9004
Listeria_monocytogenes_1639		

Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v184	0.9856
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v184	0.9856
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v184	0.9446
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v184	0.9493
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v184	0.977
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v184	0.977
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v184	0.9594
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v184	0.9496
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v184	0.9446
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v184	0.9446
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v184	0.9446
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v184	0.9496
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v184	0.9493
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v184	0.9482
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v184	0.9175
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v184	0.9085
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v184	0.9528
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v184	0.9092
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v184	0.9545
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v184	0.9338
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v184	0.9284
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v184	0.9536
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v184	0.9089
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v184	0.9528
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v184	0.919
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v184	0.9495
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v184	0.9735
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v184	0.9627
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v184	0.9627
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v184	0.9853
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v184	0.9531
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v184	0.9485
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v184	0.9485
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v184	0.9392
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v184	0.9203
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v184	0.9346
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v184	0.9512
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v184	0.9414
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v184	0.9335
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v184	0.9335
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v184	0.9339
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v184	0.9492
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v184	0.9342
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v184	0.9292
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v184	0.9512
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v184	0.9379
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v184	0.945
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v184	0.9652
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v184	0.9722
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v184	0.9722
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v184	0.9299
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v184	0.9575
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v184	0.9373
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v184	0.937
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v184	0.9534
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v184	0.9402
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v184	0.9379
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v184	0.9512
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v184	0.9526
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v184	0.9574
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v184	0.9473
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v184	0.9092
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v184	0.9715
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v184	0.9478
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v184	0.9361
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v184	0.9388
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v184	0.9506
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v184	0.9372
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v184	0.932
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v184	0.9568
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v184	0.9411
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v184	0.9619
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v184	0.9521
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v184	0.9542
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v184	0.9362
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v184	0.949
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v184	0.9521
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v184	0.956
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v184	0.9007
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v184	0.938
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v184	0.9369
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v184	0.93
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v184	0.938
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v184	0.9265
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v184	0.933
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v184	0.9549
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v184	0.9348
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v184	0.9327
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v184	0.9481
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v184	0.9136
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v184	0.9313

Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v184	0.9485
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v184	0.9493
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v184	0.9561
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v184	0.9393
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v184	0.9496
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v184	0.9496
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v184	0.9409
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v184	0.9315
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v184	0.9532
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v184	0.914
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v184	0.9365
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v184	0.9503
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v184	0.9468
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v184	0.9488
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v184	0.9539
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v184	0.9481
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v184	0.9351
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v184	0.9453
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v184	0.9484
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v184	0.9373
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v184	0.9028
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v184	0.9396
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v184	0.9442
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v184	0.9347
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v184	0.9344
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v184	0.934
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v184	0.9284
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v184	0.9284
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v184	0.9365
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v184	0.9284
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v184	0.9321
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v184	0.9323
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v184	0.9317
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v184	0.9196
Listeria_monocytogenes_1639_v197	Listeria_monocytogenes_1639_v184	0.9491
Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v184	0.969
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v184	0.9575
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v184	0.9556
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v184	0.956
Listeria_monocytogenes_1639_v192	Listeria_monocytogenes_1639_v184	0.9115
Listeria_monocytogenes_1639_v191	Listeria_monocytogenes_1639_v184	0.982
Listeria_monocytogenes_1639_v190	Listeria_monocytogenes_1639_v184	0.9988
Listeria_monocytogenes_1639_v18	Listeria_monocytogenes_1639_v184	0.9241
Listeria_monocytogenes_1639_v189	Listeria_monocytogenes_1639_v184	0.998
Listeria_monocytogenes_1639_v188	Listeria_monocytogenes_1639_v184	0.9773
Listeria_monocytogenes_1639_v187	Listeria_monocytogenes_1639_v184	0.9988
Listeria_monocytogenes_1639_v186	Listeria_monocytogenes_1639_v184	0.9988
Listeria_monocytogenes_1639_v185	Listeria_monocytogenes_1639_v184	0.9988
Listeria_monocytogenes_1639_v184	Listeria_monocytogenes_1639_v184	0.0669
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v185	0.8834
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v185	0.883
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v185	0.8958
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v185	0.8269
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v185	0.8363
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v185	0.8941
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v185	0.884
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v185	0.9414
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v185	0.9804
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v185	0.9702
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v185	0.9854
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v185	0.9457
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v185	0.9451
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v185	0.955
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v185	0.9425
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v185	0.956
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v185	0.9474
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v185	0.9487
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v185	0.9619
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v185	0.9487
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v185	0.9553
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v185	0.9313
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v185	0.9324
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v185	0.9332
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v185	0.9328
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v185	0.9542
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v185	0.9542
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v185	0.9328
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v185	0.9328
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v185	0.9328
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v185	0.9543
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v185	0.955
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v185	0.955
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v185	0.9362
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v185	0.9362
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v185	0.944
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v185	0.944
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v185	0.95
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v185	0.9489
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v185	0.95
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v185	0.9642
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v185	0.9646

Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v185	0.95
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v185	0.9508
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v185	0.9508
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v185	0.9863
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v185	0.9863
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v185	0.9454
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v185	0.95
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v185	0.9778
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v185	0.9778
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v185	0.9602
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v185	0.95
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v185	0.9454
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v185	0.9454
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v185	0.9454
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v185	0.95
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v185	0.95
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v185	0.9489
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v185	0.9186
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v185	0.9089
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v185	0.9536
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v185	0.9093
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v185	0.9553
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v185	0.9346
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v185	0.9292
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v185	0.954
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v185	0.9089
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v185	0.9536
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v185	0.9194
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v185	0.9503
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v185	0.9742
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v185	0.9635
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v185	0.9635
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v185	0.9861
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v185	0.9539
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v185	0.9493
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v185	0.9489
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v185	0.9396
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v185	0.9211
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v185	0.9354
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v185	0.9512
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v185	0.9425
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v185	0.9343
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v185	0.9343
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v185	0.935
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v185	0.95
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v185	0.935
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v185	0.93
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v185	0.9512
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v185	0.9383
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v185	0.9457
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v185	0.9656
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v185	0.9726
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v185	0.9726
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v185	0.9306
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v185	0.9579
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v185	0.938
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v185	0.9377
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v185	0.9534
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v185	0.9406
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v185	0.9383
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v185	0.9516
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v185	0.9527
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v185	0.9582
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v185	0.9477
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v185	0.9093
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v185	0.9718
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v185	0.9485
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v185	0.9365
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v185	0.9396
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v185	0.951
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v185	0.938
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v185	0.9324
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v185	0.9572
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v185	0.9415
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v185	0.9623
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v185	0.9525
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v185	0.9546
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v185	0.9373
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v185	0.949
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v185	0.9525
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v185	0.9564
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v185	0.9014
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v185	0.9384
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v185	0.938
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v185	0.9308
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v185	0.9388
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v185	0.9273
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v185	0.9337
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v185	0.9556
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v185	0.9356
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v185	0.9331

Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v185	0.9485
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v185	0.9148
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v185	0.9321
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v185	0.9492
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v185	0.9497
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v185	0.9565
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v185	0.9401
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v185	0.95
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v185	0.95
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v185	0.9417
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v185	0.9319
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v185	0.9539
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v185	0.9151
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v185	0.9373
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v185	0.951
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v185	0.9472
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v185	0.9495
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v185	0.9546
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v185	0.9485
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v185	0.9362
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v185	0.9457
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v185	0.9488
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v185	0.9377
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v185	0.9036
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v185	0.9404
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v185	0.9449
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v185	0.9354
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v185	0.9348
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v185	0.9348
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v185	0.9292
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v185	0.9288
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v185	0.9373
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v185	0.9292
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v185	0.9332
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v185	0.933
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v185	0.9329
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v185	0.9204
Listeria_monocytogenes_1639_v197	Listeria_monocytogenes_1639_v185	0.9495
Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v185	0.9694
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v185	0.9583
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v185	0.956
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v185	0.9564
Listeria_monocytogenes_1639_v192	Listeria_monocytogenes_1639_v185	0.9122
Listeria_monocytogenes_1639_v191	Listeria_monocytogenes_1639_v185	0.9824
Listeria_monocytogenes_1639_v190	Listeria_monocytogenes_1639_v185	0.9996
Listeria_monocytogenes_1639_v18	Listeria_monocytogenes_1639_v185	0.9248
Listeria_monocytogenes_1639_v189	Listeria_monocytogenes_1639_v185	0.9984
Listeria_monocytogenes_1639_v188	Listeria_monocytogenes_1639_v185	0.9773
Listeria_monocytogenes_1639_v187	Listeria_monocytogenes_1639_v185	0.9996
Listeria_monocytogenes_1639_v186	Listeria_monocytogenes_1639_v185	0.9996
Listeria_monocytogenes_1639_v185	Listeria_monocytogenes_1639_v185	0.0665
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v186	0.8837
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v186	0.883
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v186	0.8954
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v186	0.8272
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v186	0.8363
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v186	0.8937
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v186	0.8844
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v186	0.9414
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v186	0.9808
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v186	0.9706
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v186	0.9857
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v186	0.9461
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v186	0.9455
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v186	0.955
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v186	0.9429
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v186	0.956
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v186	0.9474
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v186	0.9491
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v186	0.9615
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v186	0.9491
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v186	0.9557
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v186	0.9313
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v186	0.9324
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v186	0.9335
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v186	0.9328
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v186	0.9542
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v186	0.9542
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v186	0.9332
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v186	0.9332
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v186	0.9332
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v186	0.9543
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v186	0.9554
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v186	0.9554
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v186	0.9359
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v186	0.9359
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v186	0.944
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v186	0.944
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v186	0.95
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v186	0.9492
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v186	0.9504

Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v186	0.9642
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v186	0.9642
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v186	0.9504
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v186	0.9508
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v186	0.9508
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v186	0.9863
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v186	0.9863
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v186	0.9454
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v186	0.95
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v186	0.9778
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v186	0.9778
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v186	0.9602
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v186	0.9504
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v186	0.9454
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v186	0.9454
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v186	0.9454
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v186	0.9504
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v186	0.95
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v186	0.9489
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v186	0.9186
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v186	0.9089
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v186	0.9536
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v186	0.9096
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v186	0.9557
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v186	0.9346
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v186	0.9288
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v186	0.9543
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v186	0.9093
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v186	0.9536
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v186	0.9194
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v186	0.9499
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v186	0.9742
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v186	0.9635
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v186	0.9635
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v186	0.9865
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v186	0.9539
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v186	0.9489
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v186	0.9489
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v186	0.94
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v186	0.9207
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v186	0.9354
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v186	0.9516
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v186	0.9421
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v186	0.9343
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v186	0.9343
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v186	0.9347
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v186	0.9496
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v186	0.935
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v186	0.9303
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v186	0.9516
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v186	0.9387
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v186	0.9453
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v186	0.966
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v186	0.9726
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v186	0.9722
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v186	0.9306
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v186	0.9582
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v186	0.9377
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v186	0.9373
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v186	0.9537
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v186	0.9406
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v186	0.9387
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v186	0.9516
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v186	0.953
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v186	0.9582
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v186	0.9473
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v186	0.9096
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v186	0.9718
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v186	0.9485
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v186	0.9364
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v186	0.9396
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v186	0.9514
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v186	0.938
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v186	0.9328
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v186	0.9576
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v186	0.9419
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v186	0.9627
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v186	0.9529
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v186	0.955
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v186	0.9369
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v186	0.9494
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v186	0.9529
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v186	0.9568
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v186	0.9014
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v186	0.9384
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v186	0.938
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v186	0.9308
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v186	0.9384
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v186	0.9273
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v186	0.9337
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v186	0.9556

Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v186	0.9352
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v186	0.9331
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v186	0.9489
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v186	0.9144
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v186	0.9324
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v186	0.9492
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v186	0.95
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v186	0.9568
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v186	0.9401
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v186	0.9504
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v186	0.9504
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v186	0.9417
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v186	0.9323
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v186	0.9539
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v186	0.9148
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v186	0.9369
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v186	0.951
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v186	0.9475
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v186	0.9495
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v186	0.9546
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v186	0.9488
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v186	0.9359
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v186	0.9461
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v186	0.9492
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v186	0.9376
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v186	0.9039
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v186	0.9404
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v186	0.9449
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v186	0.9354
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v186	0.9351
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v186	0.9348
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v186	0.9288
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v186	0.9288
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v186	0.9373
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v186	0.9288
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v186	0.9332
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v186	0.933
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v186	0.9329
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v186	0.9207
Listeria_monocytogenes_1639_v197	Listeria_monocytogenes_1639_v186	0.9498
Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v186	0.9698
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v186	0.9583
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v186	0.9564
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v186	0.9568
Listeria_monocytogenes_1639_v192	Listeria_monocytogenes_1639_v186	0.9122
Listeria_monocytogenes_1639_v191	Listeria_monocytogenes_1639_v186	0.9828
Listeria_monocytogenes_1639_v190	Listeria_monocytogenes_1639_v186	0.9996
Listeria_monocytogenes_1639_v18	Listeria_monocytogenes_1639_v186	0.9248
Listeria_monocytogenes_1639_v189	Listeria_monocytogenes_1639_v186	0.9988
Listeria_monocytogenes_1639_v188	Listeria_monocytogenes_1639_v186	0.9777
Listeria_monocytogenes_1639_v187	Listeria_monocytogenes_1639_v186	0.9992
Listeria_monocytogenes_1639_v186	Listeria_monocytogenes_1639_v186	0.0661
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v187	0.883
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v187	0.8826
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v187	0.8954
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v187	0.8265
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v187	0.8359
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v187	0.8937
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v187	0.8836
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v187	0.941
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v187	0.98
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v187	0.9698
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v187	0.985
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v187	0.9453
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v187	0.9447
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v187	0.9546
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v187	0.9421
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v187	0.9556
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v187	0.9471
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v187	0.9483
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v187	0.9619
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v187	0.9483
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v187	0.9549
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v187	0.9309
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v187	0.932
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v187	0.9328
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v187	0.9324
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v187	0.9538
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v187	0.9538
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v187	0.9324
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v187	0.9324
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v187	0.9324
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v187	0.9539
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v187	0.9546
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v187	0.9546
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v187	0.9359
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v187	0.9359
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v187	0.9436
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v187	0.9436
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v187	0.9497
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v187	0.9485

Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v187	0.9497
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v187	0.9642
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v187	0.9646
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v187	0.9497
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v187	0.9504
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v187	0.9504
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v187	0.986
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v187	0.986
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v187	0.945
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v187	0.9497
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v187	0.9774
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v187	0.9774
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v187	0.9598
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v187	0.9497
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v187	0.945
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v187	0.945
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v187	0.945
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v187	0.9497
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v187	0.9497
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v187	0.9486
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v187	0.9183
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v187	0.9089
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v187	0.9532
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v187	0.9093
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v187	0.9549
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v187	0.9342
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v187	0.9288
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v187	0.9536
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v187	0.9089
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v187	0.9532
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v187	0.9194
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v187	0.9499
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v187	0.9742
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v187	0.9631
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v187	0.9631
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v187	0.9857
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v187	0.9535
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v187	0.9489
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v187	0.9485
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v187	0.9392
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v187	0.9207
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v187	0.935
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v187	0.9512
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v187	0.9421
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v187	0.9339
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v187	0.9339
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v187	0.9347
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v187	0.9496
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v187	0.9347
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v187	0.9296
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v187	0.9512
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v187	0.9379
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v187	0.9453
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v187	0.9652
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v187	0.9722
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v187	0.9726
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v187	0.9303
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v187	0.9575
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v187	0.9377
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v187	0.9373
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v187	0.9534
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v187	0.9403
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v187	0.9379
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v187	0.9516
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v187	0.9527
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v187	0.9578
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v187	0.9477
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v187	0.9093
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v187	0.9718
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v187	0.9481
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v187	0.9361
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v187	0.9392
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v187	0.9507
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v187	0.9376
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v187	0.932
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v187	0.9568
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v187	0.9412
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v187	0.9619
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v187	0.9522
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v187	0.9542
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v187	0.9369
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v187	0.949
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v187	0.9521
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v187	0.956
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v187	0.9011
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v187	0.938
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v187	0.9376
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v187	0.9304
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v187	0.9384
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v187	0.9269
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v187	0.9334

Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v187	0.9553
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v187	0.9352
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v187	0.9327
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v187	0.9481
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v187	0.9144
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v187	0.9317
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v187	0.9489
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v187	0.9493
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v187	0.9561
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v187	0.9397
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v187	0.9497
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v187	0.9497
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v187	0.9413
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v187	0.9316
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v187	0.9536
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v187	0.9148
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v187	0.9369
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v187	0.9507
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v187	0.9468
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v187	0.9491
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v187	0.9543
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v187	0.9481
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v187	0.9359
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v187	0.9453
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v187	0.9485
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v187	0.9373
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v187	0.9032
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v187	0.94
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v187	0.9446
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v187	0.9351
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v187	0.9344
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v187	0.9344
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v187	0.9288
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v187	0.9284
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v187	0.9369
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v187	0.9288
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v187	0.9329
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v187	0.9327
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v187	0.9325
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v187	0.92
Listeria_monocytogenes_1639_v197	Listeria_monocytogenes_1639_v187	0.9491
Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v187	0.9694
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v187	0.9579
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v187	0.9556
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v187	0.956
Listeria_monocytogenes_1639_v192	Listeria_monocytogenes_1639_v187	0.9118
Listeria_monocytogenes_1639_v191	Listeria_monocytogenes_1639_v187	0.9824
Listeria_monocytogenes_1639_v190	Listeria_monocytogenes_1639_v187	0.9992
Listeria_monocytogenes_1639_v18	Listeria_monocytogenes_1639_v187	0.9245
Listeria_monocytogenes_1639_v189	Listeria_monocytogenes_1639_v187	0.9984
Listeria_monocytogenes_1639_v188	Listeria_monocytogenes_1639_v187	0.9773
Listeria_monocytogenes_1639_v187	Listeria_monocytogenes_1639_v187	0.0661
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v188	0.8785
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v188	0.8778
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v188	0.8948
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v188	0.8269
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v188	0.8357
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v188	0.8912
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v188	0.8842
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v188	0.9425
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v188	0.9592
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v188	0.9674
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v188	0.9637
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v188	0.9445
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v188	0.945
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v188	0.9565
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v188	0.944
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v188	0.9571
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v188	0.9489
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v188	0.9502
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v188	0.94
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v188	0.9502
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v188	0.9583
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v188	0.9327
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v188	0.9338
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v188	0.9346
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v188	0.9338
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v188	0.9538
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v188	0.9538
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v188	0.9342
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v188	0.9342
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v188	0.9342
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v188	0.9557
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v188	0.9569
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v188	0.9569
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v188	0.9369
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v188	0.9369
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v188	0.9386
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v188	0.9386
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v188	0.9447
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v188	0.9439

Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v188	0.945
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v188	0.963
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v188	0.963
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v188	0.945
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v188	0.9454
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v188	0.9454
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v188	0.9742
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v188	0.9742
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v188	0.94
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v188	0.9447
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v188	0.9563
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v188	0.9563
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v188	0.9548
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v188	0.945
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v188	0.94
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v188	0.94
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v188	0.94
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v188	0.945
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v188	0.9447
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v188	0.9439
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v188	0.9182
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v188	0.9133
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v188	0.955
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v188	0.914
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v188	0.9583
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v188	0.9341
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v188	0.9298
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v188	0.9573
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v188	0.9137
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v188	0.955
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v188	0.9189
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v188	0.9479
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v188	0.9746
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v188	0.965
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v188	0.965
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v188	0.9645
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v188	0.9534
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v188	0.95
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v188	0.95
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v188	0.9369
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v188	0.9191
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v188	0.9353
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v188	0.9721
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v188	0.9428
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v188	0.9342
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v188	0.9342
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v188	0.9346
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v188	0.9458
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v188	0.9349
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v188	0.9314
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v188	0.9721
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v188	0.9333
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v188	0.946
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v188	0.9541
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v188	0.9512
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v188	0.9512
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v188	0.9321
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v188	0.957
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v188	0.9387
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v188	0.9384
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v188	0.9544
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v188	0.9421
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v188	0.9333
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v188	0.9523
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v188	0.9537
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v188	0.9524
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v188	0.9461
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v188	0.914
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v188	0.9516
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v188	0.95
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v188	0.9375
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v188	0.938
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v188	0.9529
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v188	0.9326
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v188	0.9342
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v188	0.9625
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v188	0.9399
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v188	0.9603
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v188	0.9479
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v188	0.9511
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v188	0.938
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v188	0.9501
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v188	0.9479
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v188	0.9594
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v188	0.9023
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v188	0.9394
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v188	0.9364
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v188	0.9303
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v188	0.9395
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v188	0.9271
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v188	0.9317

Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v188	0.9552
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v188	0.9362
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v188	0.9341
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v188	0.9435
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v188	0.915
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v188	0.9335
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v188	0.9507
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v188	0.9447
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v188	0.9617
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v188	0.9347
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v188	0.945
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v188	0.945
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v188	0.9378
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v188	0.927
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v188	0.9554
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v188	0.9154
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v188	0.9349
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v188	0.9521
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v188	0.9471
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v188	0.9442
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v188	0.9557
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v188	0.9537
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v188	0.9369
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v188	0.9456
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v188	0.9541
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v188	0.9387
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v188	0.9027
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v188	0.9414
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v188	0.946
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v188	0.9365
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v188	0.9361
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v188	0.9358
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v188	0.9298
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v188	0.9298
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v188	0.9383
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v188	0.9298
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v188	0.932
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v188	0.93
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v188	0.9316
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v188	0.9203
Listeria_monocytogenes_1639_v197	Listeria_monocytogenes_1639_v188	0.9509
Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v188	0.9477
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v188	0.9598
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v188	0.9575
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v188	0.9579
Listeria_monocytogenes_1639_v192	Listeria_monocytogenes_1639_v188	0.9125
Listeria_monocytogenes_1639_v191	Listeria_monocytogenes_1639_v188	0.9777
Listeria_monocytogenes_1639_v190	Listeria_monocytogenes_1639_v188	0.9773
Listeria_monocytogenes_1639_v18	Listeria_monocytogenes_1639_v188	0.9247
Listeria_monocytogenes_1639_v189	Listeria_monocytogenes_1639_v188	0.9769
Listeria_monocytogenes_1639_v188	Listeria_monocytogenes_1639_v188	0.0655
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v189	0.8826
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v189	0.8819
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v189	0.8943
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v189	0.8262
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v189	0.8353
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v189	0.8926
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v189	0.8833
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v189	0.9403
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v189	0.9812
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v189	0.9694
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v189	0.9861
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v189	0.945
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v189	0.9444
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v189	0.9539
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v189	0.9418
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v189	0.9548
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v189	0.9464
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v189	0.948
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v189	0.9607
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v189	0.948
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v189	0.9545
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v189	0.9302
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v189	0.9313
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v189	0.9324
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v189	0.9317
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v189	0.9531
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v189	0.9531
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v189	0.9321
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v189	0.9321
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v189	0.9321
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v189	0.9531
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v189	0.9543
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v189	0.9543
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v189	0.9348
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v189	0.9348
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v189	0.9429
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v189	0.9429
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v189	0.9489
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v189	0.9481
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v189	0.9493

Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v189	0.9634
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v189	0.9634
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v189	0.9493
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v189	0.9497
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v189	0.9497
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v189	0.9852
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v189	0.9852
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v189	0.9443
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v189	0.9489
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v189	0.9767
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v189	0.9767
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v189	0.9591
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v189	0.9493
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v189	0.9443
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v189	0.9443
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v189	0.9443
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v189	0.9493
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v189	0.9489
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v189	0.9478
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v189	0.918
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v189	0.9082
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v189	0.9525
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v189	0.9089
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v189	0.9545
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v189	0.9335
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v189	0.9277
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v189	0.9532
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v189	0.9086
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v189	0.9525
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v189	0.9187
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v189	0.9488
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v189	0.9735
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v189	0.9624
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v189	0.9624
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v189	0.9873
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v189	0.9527
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v189	0.9478
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v189	0.9478
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v189	0.9389
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v189	0.9196
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v189	0.9343
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v189	0.9509
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v189	0.941
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v189	0.9332
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v189	0.9332
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v189	0.9336
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v189	0.9485
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v189	0.9339
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v189	0.9292
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v189	0.9509
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v189	0.9376
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v189	0.9442
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v189	0.9649
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v189	0.9715
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v189	0.9715
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v189	0.9296
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v189	0.9571
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v189	0.9366
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v189	0.9362
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v189	0.953
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v189	0.9395
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v189	0.9376
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v189	0.9508
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v189	0.9523
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v189	0.9571
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v189	0.9466
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v189	0.9089
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v189	0.9711
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v189	0.9474
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v189	0.9353
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v189	0.9385
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v189	0.9503
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v189	0.9369
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v189	0.9317
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v189	0.9564
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v189	0.9408
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v189	0.9616
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v189	0.9518
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v189	0.9539
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v189	0.9358
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v189	0.9487
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v189	0.9518
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v189	0.9557
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v189	0.9004
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v189	0.9373
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v189	0.9369
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v189	0.9297
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v189	0.9373
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v189	0.9262
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v189	0.9326
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v189	0.9545

Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v189	0.9341
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v189	0.932
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v189	0.9478
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v189	0.9133
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v189	0.9314
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v189	0.9481
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v189	0.9489
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v189	0.9557
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v189	0.939
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v189	0.9493
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v189	0.9493
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v189	0.9406
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v189	0.9312
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v189	0.9528
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v189	0.9137
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v189	0.9358
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v189	0.9499
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v189	0.9464
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v189	0.9484
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v189	0.9535
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v189	0.9477
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v189	0.9348
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v189	0.945
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v189	0.9481
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v189	0.9366
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v189	0.9029
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v189	0.9393
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v189	0.9439
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v189	0.9344
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v189	0.934
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v189	0.9337
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v189	0.9277
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v189	0.9277
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v189	0.9362
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v189	0.9277
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v189	0.9322
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v189	0.932
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v189	0.9318
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v189	0.9201
Listeria_monocytogenes_1639_v197	Listeria_monocytogenes_1639_v189	0.9491
Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v189	0.9706
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v189	0.9572
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v189	0.9552
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v189	0.9556
Listeria_monocytogenes_1639_v192	Listeria_monocytogenes_1639_v189	0.9111
Listeria_monocytogenes_1639_v191	Listeria_monocytogenes_1639_v189	0.982
Listeria_monocytogenes_1639_v190	Listeria_monocytogenes_1639_v189	0.9984
Listeria_monocytogenes_1639_v18	Listeria_monocytogenes_1639_v189	0.9237
Listeria_monocytogenes_1639_v189	Listeria_monocytogenes_1639_v189	0.0683
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v18	0.859
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v18	0.8584
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v18	0.8651
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v18	0.8191
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v18	0.8229
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v18	0.8708
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v18	0.8947
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v18	0.9396
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v18	0.9132
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v18	0.9236
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v18	0.9169
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v18	0.9231
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v18	0.9261
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v18	0.9179
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v18	0.941
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v18	0.9184
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v18	0.9108
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v18	0.9462
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v18	0.905
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v18	0.9462
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v18	0.9476
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v18	0.9446
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v18	0.946
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v18	0.9456
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v18	0.946
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v18	0.9448
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v18	0.9448
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v18	0.9467
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v18	0.9467
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v18	0.9467
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v18	0.9193
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v18	0.92
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v18	0.92
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v18	0.9339
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v18	0.9339
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v18	0.9088
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v18	0.9088
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v18	0.9129
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v18	0.9125
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v18	0.9133
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v18	0.917
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v18	0.9167

Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v18	0.9133
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v18	0.9136
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v18	0.9136
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v18	0.9235
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v18	0.9235
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v18	0.9094
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v18	0.9133
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v18	0.9205
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v18	0.9205
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v18	0.9205
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v18	0.9133
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v18	0.9094
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v18	0.9094
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v18	0.9094
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v18	0.9133
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v18	0.9129
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v18	0.9115
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v18	0.8773
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v18	0.9029
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v18	0.9187
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v18	0.9035
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v18	0.948
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v18	0.9652
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v18	0.9402
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v18	0.9245
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v18	0.9028
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v18	0.9161
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v18	0.8928
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v18	0.931
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v18	0.9238
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v18	0.9264
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v18	0.9268
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v18	0.9176
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v18	0.953
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v18	0.9419
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v18	0.9419
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v18	0.9133
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v18	0.9452
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v18	0.9682
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v18	0.9241
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v18	0.9558
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v18	0.9671
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v18	0.9671
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v18	0.9667
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v18	0.9034
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v18	0.9682
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v18	0.945
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v18	0.9241
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v18	0.9021
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v18	0.9534
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v18	0.9206
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v18	0.919
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v18	0.9183
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v18	0.9461
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v18	0.9237
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v18	0.9441
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v18	0.9434
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v18	0.9198
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v18	0.9362
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v18	0.9021
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v18	0.9189
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v18	0.9191
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v18	0.9181
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v18	0.9146
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v18	0.9035
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v18	0.9129
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v18	0.9151
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v18	0.9455
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v18	0.9048
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v18	0.9171
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v18	0.9014
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v18	0.946
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v18	0.9202
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v18	0.9334
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v18	0.9127
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v18	0.9203
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v18	0.9049
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v18	0.9313
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v18	0.9187
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v18	0.9174
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v18	0.9198
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v18	0.9219
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v18	0.9356
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v18	0.9481
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v18	0.9916
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v18	0.9459
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v18	0.9688
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v18	0.9118
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v18	0.9065
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v18	0.9446
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v18	0.9418

Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v18	0.9125
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v18	0.9347
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v18	0.9328
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v18	0.9158
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v18	0.9133
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v18	0.9169
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v18	0.9041
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v18	0.9133
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v18	0.9133
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v18	0.9036
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v18	0.8936
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v18	0.9081
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v18	0.935
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v18	0.9323
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v18	0.9058
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v18	0.9266
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v18	0.9003
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v18	0.9087
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v18	0.9128
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v18	0.9339
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v18	0.9122
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v18	0.9132
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v18	0.9407
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v18	0.924
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v18	0.9057
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v18	0.9111
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v18	0.9015
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v18	0.9027
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v18	0.9031
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v18	0.9431
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v18	0.9428
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v18	0.9411
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v18	0.9388
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v18	0.9245
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v18	0.9083
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v18	0.9241
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v18	0.8783
Listeria_monocytogenes_1639_v197	Listeria_monocytogenes_1639_v18	0.9152
Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v18	0.9005
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v18	0.9195
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v18	0.9192
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v18	0.9192
Listeria_monocytogenes_1639_v192	Listeria_monocytogenes_1639_v18	0.8884
Listeria_monocytogenes_1639_v191	Listeria_monocytogenes_1639_v18	0.924
Listeria_monocytogenes_1639_v190	Listeria_monocytogenes_1639_v18	0.9248
Listeria_monocytogenes_1639_v18	Listeria_monocytogenes_1639_v18	0.0727
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v190	0.8834
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v190	0.8827
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v190	0.8954
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v190	0.8269
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v190	0.836
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v190	0.8937
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v190	0.884
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v190	0.9411
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v190	0.9804
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v190	0.9702
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v190	0.9854
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v190	0.9457
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v190	0.9451
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v190	0.9547
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v190	0.9425
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v190	0.9556
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v190	0.9471
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v190	0.9487
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v190	0.9615
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v190	0.9487
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v190	0.9553
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v190	0.931
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v190	0.9321
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v190	0.9332
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v190	0.9324
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v190	0.9538
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v190	0.9538
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v190	0.9328
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v190	0.9328
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v190	0.9328
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v190	0.9539
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v190	0.955
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v190	0.955
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v190	0.9359
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v190	0.9359
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v190	0.9436
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v190	0.9436
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v190	0.9497
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v190	0.9489
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v190	0.95
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v190	0.9642
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v190	0.9642
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v190	0.95
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v190	0.9504
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v190	0.9504

Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v190	0.986
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v190	0.986
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v190	0.945
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v190	0.9497
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v190	0.9774
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v190	0.9774
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v190	0.9598
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v190	0.95
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v190	0.945
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v190	0.945
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v190	0.945
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v190	0.95
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v190	0.9497
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v190	0.9486
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v190	0.9183
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v190	0.9086
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v190	0.9532
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v190	0.9093
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v190	0.9553
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v190	0.9346
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v190	0.9288
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v190	0.954
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v190	0.9089
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v190	0.9532
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v190	0.919
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v190	0.9499
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v190	0.9739
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v190	0.9631
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v190	0.9631
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v190	0.9861
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v190	0.9535
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v190	0.9489
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v190	0.9489
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v190	0.9396
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v190	0.9207
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v190	0.9354
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v190	0.9512
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v190	0.9421
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v190	0.9343
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v190	0.9343
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v190	0.9347
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v190	0.9496
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v190	0.935
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v190	0.93
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v190	0.9512
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v190	0.9383
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v190	0.9454
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v190	0.9656
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v190	0.9726
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v190	0.9722
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v190	0.9303
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v190	0.9579
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v190	0.9377
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v190	0.9374
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v190	0.9534
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v190	0.9406
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v190	0.9383
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v190	0.9512
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v190	0.9527
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v190	0.9578
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v190	0.9473
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v190	0.9093
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v190	0.9715
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v190	0.9482
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v190	0.9365
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v190	0.9392
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v190	0.951
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v190	0.9376
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v190	0.9324
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v190	0.9572
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v190	0.9415
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v190	0.9623
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v190	0.9525
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v190	0.9546
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v190	0.937
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v190	0.949
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v190	0.9525
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v190	0.9564
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v190	0.9014
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v190	0.9384
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v190	0.9377
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v190	0.9308
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v190	0.9384
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v190	0.9273
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v190	0.9334
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v190	0.9553
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v190	0.9352
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v190	0.9331
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v190	0.9485
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v190	0.9144
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v190	0.9321

Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v190	0.9489
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v190	0.9497
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v190	0.9565
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v190	0.9397
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v190	0.95
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v190	0.95
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v190	0.9413
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v190	0.9319
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v190	0.9536
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v190	0.9148
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v190	0.9369
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v190	0.9507
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v190	0.9472
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v190	0.9492
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v190	0.9543
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v190	0.9485
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v190	0.9359
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v190	0.9457
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v190	0.9488
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v190	0.9377
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v190	0.9036
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v190	0.94
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v190	0.9446
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v190	0.9351
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v190	0.9348
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v190	0.9344
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v190	0.9288
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v190	0.9288
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v190	0.9373
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v190	0.9288
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v190	0.9329
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v190	0.9327
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v190	0.9325
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v190	0.9204
Listeria_monocytogenes_1639_v197	Listeria_monocytogenes_1639_v190	0.9495
Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v190	0.9694
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v190	0.9579
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v190	0.956
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v190	0.9564
Listeria_monocytogenes_1639_v192	Listeria_monocytogenes_1639_v190	0.9119
Listeria_monocytogenes_1639_v191	Listeria_monocytogenes_1639_v190	0.9824
Listeria_monocytogenes_1639_v190	Listeria_monocytogenes_1639_v190	0.066
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v191	0.8828
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v191	0.8821
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v191	0.8969
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v191	0.8263
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v191	0.8385
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v191	0.892
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v191	0.8881
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v191	0.9449
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v191	0.9639
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v191	0.9694
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v191	0.9687
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v191	0.946
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v191	0.9443
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v191	0.9535
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v191	0.9463
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v191	0.9532
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v191	0.9463
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v191	0.9522
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v191	0.9447
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v191	0.9522
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v191	0.9568
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v191	0.9347
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v191	0.9358
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v191	0.9369
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v191	0.9362
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v191	0.9542
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v191	0.9542
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v191	0.9362
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v191	0.9362
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v191	0.9362
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v191	0.9527
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v191	0.9538
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v191	0.9538
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v191	0.9343
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v191	0.9343
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v191	0.9405
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v191	0.9405
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v191	0.9466
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v191	0.9458
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v191	0.9469
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v191	0.9692
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v191	0.9692
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v191	0.9469
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v191	0.9473
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v191	0.9473
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v191	0.9805
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v191	0.9805
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v191	0.942
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v191	0.9466

Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v191	0.9609
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v191	0.9609
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v191	0.9567
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v191	0.9469
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v191	0.942
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v191	0.942
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v191	0.942
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v191	0.9469
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v191	0.9466
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v191	0.9459
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v191	0.9197
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v191	0.9138
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v191	0.952
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v191	0.9145
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v191	0.9568
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v191	0.9341
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v191	0.9291
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v191	0.9585
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v191	0.9141
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v191	0.952
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v191	0.9185
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v191	0.9475
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v191	0.9785
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v191	0.9619
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v191	0.9619
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v191	0.9695
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v191	0.9535
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v191	0.9493
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v191	0.9492
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v191	0.944
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v191	0.918
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v191	0.9342
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v191	0.9516
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v191	0.9432
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v191	0.9331
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v191	0.9331
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v191	0.9335
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v191	0.9507
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v191	0.9338
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v191	0.9333
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v191	0.9516
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v191	0.9356
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v191	0.9445
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v191	0.9602
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v191	0.9558
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v191	0.9558
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v191	0.9344
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v191	0.964
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v191	0.938
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v191	0.9377
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v191	0.9579
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v191	0.939
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v191	0.9356
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v191	0.9557
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v191	0.9572
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v191	0.9566
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v191	0.9518
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v191	0.9145
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v191	0.9558
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v191	0.947
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v191	0.9368
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v191	0.941
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v191	0.9498
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v191	0.9349
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v191	0.9362
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v191	0.9636
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v191	0.9396
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v191	0.9681
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v191	0.9498
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v191	0.958
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v191	0.935
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v191	0.9535
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v191	0.9498
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v191	0.961
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v191	0.9002
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v191	0.9387
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v191	0.9361
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v191	0.93
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v191	0.9387
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v191	0.9261
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v191	0.9302
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v191	0.9587
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v191	0.9355
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v191	0.9338
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v191	0.9454
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v191	0.9132
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v191	0.9354
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v191	0.9477
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v191	0.9466
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v191	0.9629
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v191	0.9367

Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v191	0.9469
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v191	0.9469
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v191	0.9454
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v191	0.93
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v191	0.9524
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v191	0.9136
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v191	0.9346
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v191	0.9495
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v191	0.9448
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v191	0.9476
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v191	0.9531
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v191	0.9549
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v191	0.9343
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v191	0.9434
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v191	0.9552
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v191	0.9395
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v191	0.9042
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v191	0.9388
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v191	0.9434
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v191	0.9343
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v191	0.9339
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v191	0.9336
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v191	0.9291
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v191	0.9291
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v191	0.9357
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v191	0.9291
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v191	0.9332
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v191	0.9371
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v191	0.9328
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v191	0.9226
Listeria_monocytogenes_1639_v197	Listeria_monocytogenes_1639_v191	0.9483
Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v191	0.9529
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v191	0.9571
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v191	0.9536
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v191	0.954
Listeria_monocytogenes_1639_v192	Listeria_monocytogenes_1639_v191	0.9102
Listeria_monocytogenes_1639_v191	Listeria_monocytogenes_1639_v191	0.0635
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v192	0.8724
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v192	0.8721
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v192	0.8649
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v192	0.8132
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v192	0.8137
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v192	0.873
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v192	0.8642
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v192	0.9089
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v192	0.8973
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v192	0.9017
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v192	0.901
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v192	0.8958
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v192	0.8984
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v192	0.8924
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v192	0.9099
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v192	0.9202
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v192	0.8862
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v192	0.9143
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v192	0.878
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v192	0.9143
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v192	0.9153
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v192	0.9009
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v192	0.9019
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v192	0.9022
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v192	0.9019
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v192	0.9182
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v192	0.9182
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v192	0.9015
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v192	0.9015
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v192	0.9015
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v192	0.8905
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v192	0.8913
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v192	0.8913
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v192	0.8914
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v192	0.8914
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v192	0.8802
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v192	0.8802
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v192	0.8835
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v192	0.8824
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v192	0.8839
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v192	0.8977
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v192	0.8981
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v192	0.8839
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v192	0.8845
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v192	0.8845
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v192	0.9109
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v192	0.9109
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v192	0.8815
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v192	0.8839
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v192	0.8961
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v192	0.8961
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v192	0.8916
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v192	0.8839
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v192	0.8815

Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v192	0.8815
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v192	0.8815
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v192	0.8839
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v192	0.8839
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v192	0.8836
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v192	0.8602
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v192	0.8925
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v192	0.8907
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v192	0.8929
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v192	0.9153
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v192	0.8949
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v192	0.8986
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v192	0.8907
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v192	0.8925
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v192	0.8907
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v192	0.9653
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v192	0.904
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v192	0.9055
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v192	0.9001
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v192	0.9001
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v192	0.9017
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v192	0.9129
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v192	0.9153
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v192	0.915
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v192	0.882
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v192	0.8804
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v192	0.8968
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v192	0.8939
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v192	0.9015
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v192	0.8961
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v192	0.8961
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v192	0.8968
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v192	0.8853
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v192	0.8964
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v192	0.8985
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v192	0.8939
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v192	0.8725
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v192	0.9098
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v192	0.8955
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v192	0.8914
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v192	0.8911
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v192	0.9013
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v192	0.8926
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v192	0.9062
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v192	0.9056
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v192	0.8899
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v192	0.8949
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v192	0.8725
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v192	0.889
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v192	0.8892
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v192	0.8933
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v192	0.8856
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v192	0.8929
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v192	0.8933
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v192	0.8857
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v192	0.905
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v192	0.8801
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v192	0.8891
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v192	0.8722
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v192	0.9019
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v192	0.8954
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v192	0.8981
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v192	0.8979
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v192	0.8858
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v192	0.8938
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v192	0.8912
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v192	0.8878
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v192	0.8842
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v192	0.891
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v192	0.8633
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v192	0.9066
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v192	0.9058
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v192	0.8932
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v192	0.9073
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v192	0.8895
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v192	0.9003
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v192	0.8932
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v192	0.9035
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v192	0.9023
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v192	0.8828
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v192	0.8732
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v192	0.9016
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v192	0.8882
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v192	0.8835
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v192	0.8937
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v192	0.8759
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v192	0.8839
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v192	0.8839
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v192	0.8819
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v192	0.8742
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v192	0.8918

Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v192	0.8736
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v192	0.8945
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v192	0.8884
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v192	0.885
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v192	0.8844
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v192	0.8928
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v192	0.8871
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v192	0.8914
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v192	0.8825
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v192	0.8874
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v192	0.8938
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v192	0.8643
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v192	0.879
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v192	0.8828
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v192	0.8742
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v192	0.8735
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v192	0.8735
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v192	0.8986
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v192	0.8983
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v192	0.8912
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v192	0.8983
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v192	0.8868
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v192	0.8778
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v192	0.8865
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v192	0.8627
Listeria_monocytogenes_1639_v197	Listeria_monocytogenes_1639_v192	0.8876
Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v192	0.884
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v192	0.9178
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v192	0.9206
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v192	0.9206
Listeria_monocytogenes_1639_v192	Listeria_monocytogenes_1639_v192	0.0578
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v193	0.8898
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v193	0.8891
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v193	0.8933
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v193	0.8316
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v193	0.8282
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v193	0.8893
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v193	0.8873
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v193	0.9396
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v193	0.9391
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v193	0.9443
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v193	0.9434
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v193	0.9301
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v193	0.9371
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v193	0.933
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v193	0.9411
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v193	0.9984
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v193	0.9252
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v193	0.9469
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v193	0.9187
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v193	0.9469
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v193	0.9515
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v193	0.9299
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v193	0.931
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v193	0.9317
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v193	0.931
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v193	0.9446
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v193	0.9446
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v193	0.9309
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v193	0.9309
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v193	0.9309
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v193	0.9318
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v193	0.933
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v193	0.933
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v193	0.9276
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v193	0.9276
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v193	0.9161
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v193	0.9161
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v193	0.9221
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v193	0.9212
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v193	0.9224
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v193	0.9373
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v193	0.9373
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v193	0.9224
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v193	0.9228
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v193	0.9228
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v193	0.9534
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v193	0.9534
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v193	0.9175
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v193	0.9221
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v193	0.9358
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v193	0.9358
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v193	0.932
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v193	0.9224
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v193	0.9175
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v193	0.9175
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v193	0.9175
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v193	0.9224
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v193	0.9221
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v193	0.9217
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v193	0.8989

Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v193	0.9246
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v193	0.9276
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v193	0.9223
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v193	0.925
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v193	0.9267
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v193	0.8892
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v193	0.9182
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v193	0.9227
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v193	0.9134
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v193	0.9131
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v193	0.9127
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v193	0.9224
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v193	0.9224
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v193	0.9286
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v193	0.922
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v193	0.917
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v193	0.9084
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v193	0.9167
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v193	0.9012
Listeria_monocytogenes_1639_v197	Listeria_monocytogenes_1639_v193	0.9279
Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v193	0.9275
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v193	0.9866
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v193	0.9992
Listeria_monocytogenes_1639_v193	Listeria_monocytogenes_1639_v193	0.0651
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v194	0.8898
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v194	0.8891
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v194	0.8933
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v194	0.832
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v194	0.8285
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v194	0.8901
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v194	0.8873
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v194	0.9396
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v194	0.9387
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v194	0.9439
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v194	0.943
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v194	0.9301
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v194	0.9371
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v194	0.9326
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v194	0.9411
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v194	0.9984
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v194	0.9248
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v194	0.9469
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v194	0.9183
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v194	0.9469
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v194	0.9515
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v194	0.9299
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v194	0.931
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v194	0.9317
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v194	0.931
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v194	0.9446
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v194	0.9446
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v194	0.9309
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v194	0.9309
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v194	0.9309
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v194	0.9314
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v194	0.9326
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v194	0.9326
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v194	0.9276
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v194	0.9276
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v194	0.9158
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v194	0.9158
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v194	0.9217
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v194	0.9209
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v194	0.922
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v194	0.9369
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v194	0.9369
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v194	0.922
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v194	0.9224
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v194	0.9224
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v194	0.953
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v194	0.953
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v194	0.9171
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v194	0.9217
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v194	0.9354
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v194	0.9354
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v194	0.9316
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v194	0.922
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v194	0.9171
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v194	0.9171
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v194	0.9171
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v194	0.922
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v194	0.9217
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v194	0.9214
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v194	0.8985
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v194	0.929
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v194	0.9312
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v194	0.9297
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v194	0.9515
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v194	0.9282
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v194	0.9224
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v194	0.9277

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Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v194	0.9223
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v194	0.913
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v194	0.9127
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v194	0.9124
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v194	0.9224
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v194	0.9224
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v194	0.9286
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v194	0.922
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v194	0.917
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v194	0.9081
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v194	0.9167
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v194	0.9009
Listeria_monocytogenes_1639_v197	Listeria_monocytogenes_1639_v194	0.9275
Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v194	0.9271
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v194	0.987
Listeria_monocytogenes_1639_v194	Listeria_monocytogenes_1639_v194	0.0651
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v195	0.8889
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v195	0.8885
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v195	0.8963
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v195	0.8314
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v195	0.8291
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v195	0.8918
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v195	0.8876
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v195	0.9418
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v195	0.9405
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v195	0.9454
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v195	0.9449
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v195	0.9312
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v195	0.9359
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v195	0.9352
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v195	0.9429
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v195	0.9862
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v195	0.9273
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v195	0.9488
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v195	0.9213
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v195	0.9488
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v195	0.9511
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v195	0.9321
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v195	0.9332
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v195	0.9335
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v195	0.9332
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v195	0.9465
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v195	0.9465
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v195	0.9328
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v195	0.9328
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v195	0.9328
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v195	0.934
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v195	0.9348
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v195	0.9348
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v195	0.9282
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v195	0.9282
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v195	0.9179
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v195	0.9179
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v195	0.9238
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v195	0.9227
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v195	0.9238
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v195	0.9396
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v195	0.9399
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v195	0.9238
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v195	0.9245
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v195	0.9245
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v195	0.9552
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v195	0.9552
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v195	0.9193
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v195	0.9238
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v195	0.9376
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v195	0.9376
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v195	0.9338
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v195	0.9238
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v195	0.9193
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v195	0.9193
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v195	0.9193
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v195	0.9238
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v195	0.9238
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v195	0.9231
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v195	0.901
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v195	0.9259
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v195	0.9338
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v195	0.9262
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v195	0.9511
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v195	0.9285
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v195	0.9234
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v195	0.9311
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v195	0.9255
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v195	0.9334
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v195	0.9259
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v195	0.9375
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v195	0.9537
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v195	0.9431
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v195	0.9431
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v195	0.9457

[illegible]

Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v195	0.9184
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v195	0.9091
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v195	0.9181
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v195	0.903
Listeria_monocytogenes_1639_v197	Listeria_monocytogenes_1639_v195	0.9297
Listeria_monocytogenes_1639_v196	Listeria_monocytogenes_1639_v195	0.929
Listeria_monocytogenes_1639_v195	Listeria_monocytogenes_1639_v195	0.0645
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v196	0.8634
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v196	0.8628
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v196	0.8667
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v196	0.8038
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v196	0.818
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v196	0.8637
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v196	0.8601
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v196	0.9123
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v196	0.9773
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v196	0.9425
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v196	0.9826
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v196	0.9175
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v196	0.931
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v196	0.9385
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v196	0.9137
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v196	0.9267
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v196	0.931
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v196	0.9197
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v196	0.9477
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v196	0.9197
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v196	0.9266
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v196	0.9051
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v196	0.9062
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v196	0.9072
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v196	0.9065
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v196	0.9249
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v196	0.9249
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v196	0.9065
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v196	0.9065
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v196	0.9065
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v196	0.9396
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v196	0.9403
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v196	0.9403
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v196	0.9227
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v196	0.9227
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v196	0.931
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v196	0.931
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v196	0.9355
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v196	0.9358
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v196	0.9362
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v196	0.9517
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v196	0.9517
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v196	0.9362
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v196	0.9366
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v196	0.9366
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v196	0.9566
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v196	0.9566
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v196	0.932
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v196	0.9358
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v196	0.9628
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v196	0.9628
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v196	0.934
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v196	0.9362
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v196	0.932
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v196	0.932
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v196	0.932
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v196	0.9362
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v196	0.9358
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v196	0.9336
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v196	0.8912
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v196	0.8973
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v196	0.937
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v196	0.898
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v196	0.9266
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v196	0.9081
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v196	0.9107
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v196	0.9286
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v196	0.8976
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v196	0.9381
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v196	0.8909
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v196	0.9346
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v196	0.9448
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v196	0.9368
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v196	0.9368
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v196	0.9834
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v196	0.9246
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v196	0.9196
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v196	0.9196
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v196	0.9274
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v196	0.9077
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v196	0.9104
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v196	0.93
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v196	0.9154
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v196	0.9078

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Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v197	0.8105
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v197	0.8184
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v197	0.8698
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v197	0.8708
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v197	0.9232
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v197	0.9381
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v197	0.9518
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v197	0.9404
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v197	0.9186
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v197	0.9272
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v197	0.9567
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v197	0.9231
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v197	0.9271
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v197	0.9493
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v197	0.9268
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v197	0.9282
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v197	0.9268
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v197	0.9293
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v197	0.9251
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v197	0.9261
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v197	0.9268
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v197	0.9261
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v197	0.9261
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v197	0.9261
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v197	0.928
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v197	0.928
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v197	0.928
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v197	0.9544
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v197	0.9555
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v197	0.9555
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v197	0.9299
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v197	0.9299
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v197	0.9254
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v197	0.9254
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v197	0.9301
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v197	0.93
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v197	0.9304
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v197	0.9431
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v197	0.9431
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v197	0.9304
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v197	0.9308
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v197	0.9308
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v197	0.9515
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v197	0.9515
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v197	0.926
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v197	0.9304
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v197	0.9491
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v197	0.9491
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v197	0.939
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v197	0.9304
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v197	0.926
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v197	0.926
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v197	0.926
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v197	0.9304
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v197	0.9301
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v197	0.9261
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v197	0.9096
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v197	0.9019
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v197	0.9612
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v197	0.9025
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v197	0.9293
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v197	0.9157
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v197	0.9186
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v197	0.9434
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v197	0.9022
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v197	0.9537
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v197	0.8939
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v197	0.9284
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v197	0.945
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v197	0.9854
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v197	0.9854
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v197	0.9411
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v197	0.9299
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v197	0.9229
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v197	0.9229
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v197	0.9292
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v197	0.9141
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v197	0.9179
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v197	0.9437
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v197	0.9214
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v197	0.9161
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v197	0.9162
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v197	0.9161
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v197	0.9289
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v197	0.9183
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v197	0.9237
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v197	0.9437
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v197	0.9182
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v197	0.933
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v197	0.9413
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v197	0.9404

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Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v198	0.8944
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v198	0.9005
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v198	0.9008
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v198	0.8997
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v198	0.8929
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v198	0.8997
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v198	0.9015
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v198	0.8901
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v198	0.8904
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v198	0.8914
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v198	0.8908
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v198	0.9002
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v198	0.9002
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v198	0.8911
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v198	0.8911
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v198	0.8911
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v198	0.9066
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v198	0.9077
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v198	0.9077
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v198	0.8928
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v198	0.8928
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v198	0.8894
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v198	0.8894
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v198	0.8949
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v198	0.8941
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v198	0.8953
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v198	0.9112
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v198	0.9109
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v198	0.8953
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v198	0.8956
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v198	0.8956
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v198	0.9209
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v198	0.9209
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v198	0.8907
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v198	0.8949
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v198	0.9092
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v198	0.9092
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v198	0.9041
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v198	0.8953
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v198	0.8907
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v198	0.8907
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v198	0.8907
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v198	0.8953
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v198	0.8949
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v198	0.8928
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v198	0.9758
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v198	0.8687
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v198	0.9093
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v198	0.8693
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v198	0.9015
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v198	0.885
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v198	0.8822
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v198	0.9075
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v198	0.869
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v198	0.9064
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v198	0.8679
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v198	0.8971
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v198	0.9179
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v198	0.922
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v198	0.9217
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v198	0.9103
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v198	0.8999
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v198	0.8945
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v198	0.8945
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v198	0.899
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v198	0.8778
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v198	0.8854
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v198	0.9052
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v198	0.8929
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v198	0.884
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v198	0.884
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v198	0.884
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v198	0.8988
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v198	0.885
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v198	0.8885
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v198	0.9052
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v198	0.8836
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v198	0.8969
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v198	0.9057
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v198	0.9038
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v198	0.9035
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v198	0.8895
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v198	0.9062
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v198	0.8902
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v198	0.8899
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v198	0.9016
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v198	0.8966
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v198	0.8836
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v198	0.9004
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v198	0.9017
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v198	0.9046

Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v198	0.8977
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v198	0.8693
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v198	0.9031
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v198	0.9054
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v198	0.8886
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v198	0.8876
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v198	0.9044
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v198	0.8833
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v198	0.8907
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v198	0.9107
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v198	0.8932
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v198	0.9095
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v198	0.9008
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v198	0.9028
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v198	0.8887
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v198	0.8984
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v198	0.8985
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v198	0.9052
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v198	0.8617
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v198	0.8861
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v198	0.8917
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v198	0.8812
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v198	0.8887
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v198	0.8805
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v198	0.8854
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v198	0.9045
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v198	0.8884
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v198	0.8864
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v198	0.8938
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v198	0.8732
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v198	0.8846
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v198	0.9028
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v198	0.8949
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v198	0.9057
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v198	0.8859
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v198	0.8953
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v198	0.8953
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v198	0.8937
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v198	0.8828
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v198	0.9056
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v198	0.8739
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v198	0.889
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v198	0.9012
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v198	0.8974
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v198	0.8907
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v198	0.9066
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v198	0.9009
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v198	0.8928
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v198	0.9011
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v198	0.9009
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v198	0.8879
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v198	0.8599
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v198	0.8937
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v198	0.8993
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v198	0.8931
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v198	0.8928
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v198	0.8925
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v198	0.8818
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v198	0.8818
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v198	0.8949
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v198	0.8822
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v198	0.883
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v198	0.8931
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v198	0.8827
Listeria_monocytogenes_1639_v198	Listeria_monocytogenes_1639_v198	0.1346
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v19	0.8631
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v19	0.8628
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v19	0.8737
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v19	0.8178
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v19	0.8387
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v19	0.876
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v19	0.8736
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v19	0.9319
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v19	0.9352
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v19	0.9283
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v19	0.9356
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v19	0.9631
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v19	0.9463
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v19	0.9382
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v19	0.933
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v19	0.9163
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v19	0.9452
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v19	0.9382
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v19	0.9178
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v19	0.9382
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v19	0.9404
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v19	0.9297
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v19	0.9307
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v19	0.9314
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v19	0.9311
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v19	0.9382

Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v19	0.9382
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v19	0.9325
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v19	0.9325
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v19	0.9325
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v19	0.9444
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v19	0.9455
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v19	0.9455
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v19	0.9425
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v19	0.9425
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v19	0.9313
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v19	0.9313
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v19	0.9357
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v19	0.9353
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v19	0.936
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v19	0.9331
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v19	0.9335
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v19	0.936
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v19	0.9353
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v19	0.9353
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v19	0.9292
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v19	0.9292
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v19	0.932
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v19	0.9364
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v19	0.938
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v19	0.938
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v19	0.9287
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v19	0.936
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v19	0.932
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v19	0.932
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v19	0.932
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v19	0.936
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v19	0.936
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v19	0.9434
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v19	0.8808
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v19	0.8996
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v19	0.9335
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v19	0.9
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v19	0.9407
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v19	0.9325
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v19	0.9298
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v19	0.9375
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v19	0.8993
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v19	0.9397
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v19	0.8917
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v19	0.9528
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v19	0.9326
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v19	0.928
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v19	0.9284
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v19	0.9364
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v19	0.9398
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v19	0.9317
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v19	0.9313
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v19	0.9391
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v19	0.9458
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v19	0.9406
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v19	0.9298
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v19	0.9404
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v19	0.9413
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v19	0.9413
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v19	0.942
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v19	0.9331
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v19	0.9417
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v19	0.9368
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v19	0.9298
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v19	0.9307
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v19	0.9368
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v19	0.9355
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v19	0.9342
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v19	0.9339
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v19	0.929
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v19	0.9397
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v19	0.9284
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v19	0.9281
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v19	0.9439
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v19	0.9453
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v19	0.9307
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v19	0.9415
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v19	0.9447
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v19	0.9278
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v19	0.9327
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v19	0.9
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v19	0.9214
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v19	0.9386
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v19	0.9257
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v19	0.9307
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v19	0.9428
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v19	0.9303
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v19	0.9307
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v19	0.931
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v19	0.9561
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v19	0.9362

Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v19	0.9315
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v19	0.9297
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v19	0.956
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v19	0.9409
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v19	0.9358
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v19	0.9395
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v19	0.9132
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v19	0.9313
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v19	0.9291
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v19	0.928
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v19	0.9343
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v19	0.9367
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v19	0.916
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v19	0.9188
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v19	0.9334
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v19	0.9306
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v19	0.9349
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v19	0.9262
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v19	0.9271
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v19	0.9396
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v19	0.9342
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v19	0.9347
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v19	0.9349
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v19	0.936
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v19	0.936
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v19	0.9189
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v19	0.9195
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v19	0.935
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v19	0.9269
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v19	0.9574
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v19	0.9238
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v19	0.9176
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v19	0.937
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v19	0.9294
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v19	0.9426
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v19	0.9425
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v19	0.9268
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v19	0.9429
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v19	0.9295
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v19	0.9407
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v19	0.9377
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v19	0.9319
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v19	0.9304
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v19	0.9312
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v19	0.9312
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v19	0.9279
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v19	0.9276
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v19	0.9501
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v19	0.9294
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v19	0.9993
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v19	0.9342
Listeria_monocytogenes_1639_v19	Listeria_monocytogenes_1639_v19	0.0805
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v1	0.8527
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v1	0.8524
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v1	0.8586
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v1	0.8013
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v1	0.829
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v1	0.8577
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v1	0.8636
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v1	0.9017
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v1	0.9364
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v1	0.9366
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v1	0.9372
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v1	0.913
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v1	0.9221
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v1	0.939
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v1	0.9026
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v1	0.908
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v1	0.9409
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v1	0.9079
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v1	0.9259
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v1	0.9079
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v1	0.909
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v1	0.9077
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v1	0.9087
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v1	0.9083
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v1	0.9087
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v1	0.9076
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v1	0.9076
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v1	0.908
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v1	0.908
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v1	0.908
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v1	0.9437
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v1	0.9434
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v1	0.9434
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v1	0.9338
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v1	0.9338
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v1	0.9405
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v1	0.9405
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v1	0.9369
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v1	0.9365

Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v1	0.9372
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v1	0.9388
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v1	0.9391
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v1	0.9372
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v1	0.9368
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v1	0.9368
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v1	0.9339
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v1	0.9339
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v1	0.9408
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v1	0.9372
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v1	0.945
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v1	0.945
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v1	0.9322
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v1	0.9372
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v1	0.9408
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v1	0.9408
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v1	0.9408
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v1	0.9372
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v1	0.9372
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v1	0.9466
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v1	0.893
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v1	0.9017
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v1	0.9413
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v1	0.902
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v1	0.909
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v1	0.9065
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v1	0.9123
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v1	0.9471
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v1	0.9013
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v1	0.9405
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v1	0.8802
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v1	0.9247
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v1	0.9316
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v1	0.937
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v1	0.937
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v1	0.9379
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v1	0.91
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v1	0.9064
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v1	0.906
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v1	0.9864
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v1	0.9229
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v1	0.9138
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v1	0.9448
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v1	0.9157
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v1	0.9121
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v1	0.9121
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v1	0.9124
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v1	0.9491
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v1	0.9146
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v1	0.914
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v1	0.9448
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v1	0.9405
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v1	0.9168
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v1	0.9407
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v1	0.9442
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v1	0.9438
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v1	0.9074
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v1	0.9427
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v1	0.9097
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v1	0.909
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v1	0.9443
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v1	0.9278
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v1	0.9405
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v1	0.9426
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v1	0.9447
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v1	0.9332
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v1	0.9444
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v1	0.902
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v1	0.9315
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v1	0.9437
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v1	0.9092
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v1	0.9395
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v1	0.941
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v1	0.9401
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v1	0.9087
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v1	0.9388
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v1	0.9286
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v1	0.9403
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v1	0.9475
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v1	0.9433
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v1	0.9276
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v1	0.9496
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v1	0.9385
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v1	0.9443
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v1	0.9048
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v1	0.9067
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v1	0.9089
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v1	0.9066
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v1	0.9122
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v1	0.9142
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v1	0.9028

Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v1	0.9231
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v1	0.9161
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v1	0.9112
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v1	0.9358
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v1	0.9127
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v1	0.8971
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v1	0.948
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v1	0.9358
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v1	0.9374
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v1	0.9407
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v1	0.9372
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v1	0.9372
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v1	0.9347
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v1	0.933
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v1	0.942
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v1	0.9134
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v1	0.929
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v1	0.923
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v1	0.9198
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v1	0.9379
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v1	0.939
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v1	0.944
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v1	0.9338
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v1	0.9332
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v1	0.9444
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v1	0.9138
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v1	0.9062
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v1	0.9356
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v1	0.936
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v1	0.9349
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v1	0.9346
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v1	0.9346
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v1	0.9108
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v1	0.9101
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v1	0.9341
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v1	0.9119
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v1	0.9349
Listeria_monocytogenes_1639_v1	Listeria_monocytogenes_1639_v1	0.0724
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v20	0.8634
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v20	0.8631
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v20	0.8741
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v20	0.8181
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v20	0.839
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v20	0.8764
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v20	0.8739
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v20	0.9323
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v20	0.9355
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v20	0.9286
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v20	0.936
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v20	0.9638
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v20	0.9466
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v20	0.9385
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v20	0.9333
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v20	0.9166
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v20	0.9459
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v20	0.9385
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v20	0.9181
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v20	0.9385
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v20	0.9407
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v20	0.93
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v20	0.931
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v20	0.9318
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v20	0.9314
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v20	0.9386
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v20	0.9386
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v20	0.9329
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v20	0.9329
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v20	0.9329
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v20	0.9448
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v20	0.9459
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v20	0.9459
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v20	0.9428
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v20	0.9428
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v20	0.9317
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v20	0.9317
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v20	0.936
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v20	0.9356
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v20	0.9364
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v20	0.9335
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v20	0.9338
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v20	0.9364
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v20	0.9356
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v20	0.9356
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v20	0.9296
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v20	0.9296
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v20	0.9323
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v20	0.9367
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v20	0.9383
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v20	0.9383
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v20	0.9291
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v20	0.9364

Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v20	0.9323
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v20	0.9323
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v20	0.9323
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v20	0.9364
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v20	0.9364
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v20	0.9441
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v20	0.8811
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v20	0.9
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v20	0.9338
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v20	0.9003
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v20	0.9411
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v20	0.9328
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v20	0.9301
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v20	0.9379
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v20	0.8996
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v20	0.9401
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v20	0.892
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v20	0.9531
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v20	0.933
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v20	0.9284
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v20	0.9287
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v20	0.9367
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v20	0.9401
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v20	0.932
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v20	0.9316
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v20	0.9398
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v20	0.9461
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v20	0.9413
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v20	0.9301
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v20	0.9408
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v20	0.942
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v20	0.9421
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v20	0.9428
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v20	0.9334
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v20	0.9424
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v20	0.9371
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v20	0.9301
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v20	0.9314
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v20	0.9372
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v20	0.9358
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v20	0.9346
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v20	0.9342
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v20	0.9293
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v20	0.9401
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v20	0.9287
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v20	0.9284
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v20	0.9443
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v20	0.9456
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v20	0.9314
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v20	0.9418
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v20	0.9451
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v20	0.9282
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v20	0.933
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v20	0.9003
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v20	0.9217
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v20	0.9393
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v20	0.9261
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v20	0.931
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v20	0.9432
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v20	0.931
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v20	0.931
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v20	0.9313
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v20	0.9565
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v20	0.9365
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v20	0.9318
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v20	0.93
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v20	0.9567
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v20	0.9412
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v20	0.9362
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v20	0.9398
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v20	0.9138
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v20	0.9317
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v20	0.9294
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v20	0.9284
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v20	0.9346
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v20	0.9374
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v20	0.9163
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v20	0.9191
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v20	0.9337
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v20	0.931
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v20	0.9353
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v20	0.9269
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v20	0.9274
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v20	0.94
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v20	0.9346
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v20	0.9351
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v20	0.9356
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v20	0.9364
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v20	0.9364
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v20	0.9193
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v20	0.9202

Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v20	0.9353
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v20	0.9276
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v20	0.9578
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v20	0.9241
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v20	0.918
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v20	0.9378
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v20	0.9297
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v20	0.9429
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v20	0.9428
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v20	0.9272
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v20	0.9433
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v20	0.9299
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v20	0.9414
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v20	0.9384
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v20	0.9322
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v20	0.9311
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v20	0.9319
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v20	0.9319
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v20	0.9283
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v20	0.9279
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v20	0.9505
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v20	0.9298
Listeria_monocytogenes_1639_v20	Listeria_monocytogenes_1639_v20	0.0805
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v21	0.8814
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v21	0.881
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v21	0.8705
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v21	0.8162
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v21	0.8234
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v21	0.8759
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v21	0.8746
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v21	0.96
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v21	0.926
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v21	0.9313
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v21	0.9283
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v21	0.927
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v21	0.9405
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v21	0.9198
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v21	0.9611
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v21	0.9216
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v21	0.9131
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v21	0.9564
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v21	0.9137
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v21	0.9564
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v21	0.9522
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v21	0.9663
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v21	0.9674
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v21	0.9667
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v21	0.9674
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v21	0.9583
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v21	0.9583
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v21	0.9656
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v21	0.9656
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v21	0.9656
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v21	0.922
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v21	0.9221
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v21	0.9221
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v21	0.9441
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v21	0.9441
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v21	0.9136
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v21	0.9136
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v21	0.9182
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v21	0.9167
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v21	0.9178
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v21	0.9299
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v21	0.9302
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v21	0.9178
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v21	0.9177
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v21	0.9177
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v21	0.9267
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v21	0.9267
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v21	0.9138
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v21	0.9182
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v21	0.9303
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v21	0.9303
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v21	0.9181
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v21	0.9178
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v21	0.9138
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v21	0.9138
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v21	0.9138
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v21	0.9178
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v21	0.9178
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v21	0.9149
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v21	0.8807
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v21	0.9139
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v21	0.9266
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v21	0.9142
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v21	0.9525
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v21	0.9392
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v21	0.9886
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v21	0.9259
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v21	0.9135

[illegible]

Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v21	0.9128
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v21	0.9132
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v21	0.9128
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v21	0.9919
Listeria_monocytogenes_1639_v23	Listeria_monocytogenes_1639_v21	0.9912
Listeria_monocytogenes_1639_v22	Listeria_monocytogenes_1639_v21	0.9466
Listeria_monocytogenes_1639_v21	Listeria_monocytogenes_1639_v21	0.0709
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v22	0.8692
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v22	0.8685
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v22	0.8758
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v22	0.8213
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v22	0.8337
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v22	0.877
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v22	0.879
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v22	0.9397
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v22	0.9373
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v22	0.9409
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v22	0.94
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v22	0.9323
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v22	0.9567
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v22	0.9433
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v22	0.9411
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v22	0.9278
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v22	0.9356
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v22	0.9468
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v22	0.9285
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v22	0.9468
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v22	0.9474
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v22	0.9443
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v22	0.9454
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v22	0.945
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v22	0.9458
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v22	0.9427
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v22	0.9427
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v22	0.9469
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v22	0.9469
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v22	0.9469
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v22	0.9466
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v22	0.9481
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v22	0.9481
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v22	0.979
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v22	0.979
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v22	0.9356
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v22	0.9356
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v22	0.94
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v22	0.9396
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v22	0.9407
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v22	0.9435
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v22	0.9435
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v22	0.9407
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v22	0.9403
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v22	0.9403
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v22	0.9367
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v22	0.9367
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v22	0.9366
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v22	0.9407
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v22	0.9498
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v22	0.9498
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v22	0.9353
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v22	0.9407
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v22	0.9366
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v22	0.9366
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v22	0.9366
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v22	0.9407
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v22	0.9404
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v22	0.9378
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v22	0.8937
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v22	0.914
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v22	0.9449
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v22	0.9146
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v22	0.9478
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v22	0.9434
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v22	0.9462
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v22	0.9426
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v22	0.9136
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v22	0.9437
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v22	0.8968
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v22	0.9591
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v22	0.937
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v22	0.945
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v22	0.9454
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v22	0.9407
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v22	0.9488
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v22	0.9417
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v22	0.9417
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v22	0.939
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v22	0.9545
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v22	0.9438
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v22	0.9422
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v22	0.9448
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v22	0.9435

[illegible]

Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v23	0.9283
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v23	0.9274
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v23	0.9408
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v23	0.9209
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v23	0.9615
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v23	0.9216
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v23	0.9142
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v23	0.9567
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v23	0.9122
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v23	0.9567
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v23	0.9525
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v23	0.9656
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v23	0.9667
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v23	0.9663
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v23	0.9667
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v23	0.9583
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v23	0.9583
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v23	0.9689
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v23	0.9689
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v23	0.9689
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v23	0.9228
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v23	0.9235
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v23	0.9235
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v23	0.9444
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v23	0.9444
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v23	0.9139
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v23	0.9139
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v23	0.9182
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v23	0.9174
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v23	0.9185
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v23	0.9302
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v23	0.9302
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v23	0.9185
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v23	0.9181
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v23	0.9181
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v23	0.9267
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v23	0.9267
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v23	0.9142
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v23	0.9185
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v23	0.9299
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v23	0.9299
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v23	0.9188
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v23	0.9185
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v23	0.9142
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v23	0.9142
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v23	0.9142
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v23	0.9185
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v23	0.9182
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v23	0.916
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v23	0.8807
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v23	0.915
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v23	0.9259
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v23	0.9157
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v23	0.9529
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v23	0.9399
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v23	0.9916
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v23	0.9269
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v23	0.915
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v23	0.9214
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v23	0.9032
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v23	0.9477
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v23	0.9278
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v23	0.93
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v23	0.9303
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v23	0.929
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v23	0.9519
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v23	0.9786
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v23	0.9786
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v23	0.9178
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v23	0.9307
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v23	0.941
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v23	0.9239
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v23	0.9551
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v23	0.94
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v23	0.94
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v23	0.94
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v23	0.9144
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v23	0.9414
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v23	0.9705
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v23	0.9239
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v23	0.91
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v23	0.962
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v23	0.9222
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v23	0.9303
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v23	0.9295
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v23	0.9701
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v23	0.9298
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v23	0.9815
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v23	0.9807
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v23	0.9255
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v23	0.9476

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Listeria_monocytogenes_serotype_4b_str_02-6679_1196174
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173

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Listeria_monocytogenes_1639_v24 0.9586
Listeria_monocytogenes_1639_v24 0.9693

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Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v24	0.9693
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v24	0.9231
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v24	0.9235
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v24	0.9235
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v24	0.9452
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v24	0.9452
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v24	0.9143
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v24	0.9143
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v24	0.9185
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v24	0.9174
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v24	0.9185
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v24	0.9302
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v24	0.9306
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v24	0.9185
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v24	0.9184
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v24	0.9184
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v24	0.927
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v24	0.927
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v24	0.9145
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v24	0.9189
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v24	0.9306
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v24	0.9306
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v24	0.9191
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v24	0.9185
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v24	0.9145
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v24	0.9145
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v24	0.9145
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v24	0.9185
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Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v24	0.9164
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v24	0.8807
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v24	0.9157
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v24	0.9266
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v24	0.916
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v24	0.9529
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v24	0.9399
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v24	0.9923
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v24	0.9273
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v24	0.9153
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v24	0.9217
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v24	0.9035
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v24	0.9481
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Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v24	0.9307
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v24	0.931
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v24	0.929
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v24	0.9523
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v24	0.979
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v24	0.9786
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v24	0.9181
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Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v24	0.941
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Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v24	0.94
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v24	0.9403
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Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v24	0.91
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v24	0.9627
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Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v24	0.9303
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Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v24	0.91
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Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v24	0.9197
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Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v24	0.916
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v24	0.917
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v24	0.9244
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Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v24	0.9187
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v24	0.9097
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v24	0.9674
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v24	0.9359
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v24	0.9378
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Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v24	0.9208

Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v24	0.9377
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Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v24	0.9196
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v24	0.9057
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v24	0.9874
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Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v24	0.9755
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v24	0.9419
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v24	0.9126
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v24	0.9151
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v24	0.9871
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v24	0.9797
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v24	0.9178
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v24	0.9183
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v24	0.9571
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v24	0.9188
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v24	0.9182
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v24	0.9259
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v24	0.9099
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v24	0.9185
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v24	0.9185
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v24	0.9084
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v24	0.9062
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v24	0.9169
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v24	0.9187
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v24	0.9395
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v24	0.9205
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v24	0.907
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v24	0.9086
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v24	0.9157
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v24	0.9294
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v24	0.9452
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v24	0.9207
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v24	0.9298
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v24	0.9289
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v24	0.9015
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v24	0.9119
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v24	0.914
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v24	0.9124
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v24	0.9132
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v24	0.9135
Listeria_monocytogenes_1639_v24	Listeria_monocytogenes_1639_v24	0.0713
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v25	0.8524
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v25	0.8521
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v25	0.8564
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v25	0.797
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v25	0.8209
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v25	0.8622
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v25	0.8581
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v25	0.9066
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v25	0.9396
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v25	0.9353
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v25	0.936
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v25	0.938
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v25	0.9245
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v25	0.9636
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v25	0.9076
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v25	0.9123
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v25	0.9718
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v25	0.9114
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v25	0.9232
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v25	0.9114
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v25	0.9139
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v25	0.9097
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v25	0.9107
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v25	0.911
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v25	0.9107
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v25	0.9115
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v25	0.9115
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v25	0.9118
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v25	0.9118
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v25	0.9118
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v25	0.9647
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v25	0.9654
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v25	0.9654
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v25	0.93
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v25	0.93
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v25	0.926
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v25	0.926
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v25	0.9299
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v25	0.9316
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v25	0.9306
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v25	0.9386
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v25	0.939
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v25	0.9306
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v25	0.9302
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v25	0.9302
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v25	0.936
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v25	0.936

Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v25	0.927
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v25	0.9309
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v25	0.9419
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v25	0.9419
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v25	0.924
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v25	0.9306
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v25	0.927
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v25	0.927
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v25	0.927
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v25	0.9306
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v25	0.9306
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v25	0.9371
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v25	0.8917
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v25	0.9011
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v25	0.9698
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v25	0.9014
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v25	0.9139
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v25	0.9031
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v25	0.9143
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v25	0.9284
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v25	0.9007
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v25	0.9607
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v25	0.8789
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v25	0.9246
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v25	0.93
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v25	0.9549
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v25	0.9552
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v25	0.9367
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v25	0.9146
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v25	0.9088
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v25	0.9084
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v25	0.9387
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v25	0.916
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v25	0.9122
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v25	0.9298
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v25	0.906
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v25	0.9126
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v25	0.9126
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v25	0.9129
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v25	0.9356
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v25	0.9118
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v25	0.9175
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v25	0.9298
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v25	0.9468
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v25	0.9166
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v25	0.9358
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v25	0.9422
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v25	0.9419
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v25	0.909
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v25	0.936
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v25	0.9109
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v25	0.9106
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v25	0.9362
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v25	0.9283
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v25	0.9468
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v25	0.9315
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v25	0.9347
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v25	0.9239
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v25	0.9276
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v25	0.9014
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v25	0.9346
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v25	0.983
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v25	0.9079
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v25	0.921
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v25	0.9696
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v25	0.9464
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v25	0.9107
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v25	0.9332
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v25	0.9197
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v25	0.9387
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v25	0.9423
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v25	0.9337
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v25	0.9296
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v25	0.9306
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v25	0.9314
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v25	0.923
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v25	0.9204
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v25	0.9094
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v25	0.9134
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v25	0.8999
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v25	0.9039
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v25	0.9118
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v25	0.8996
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v25	0.9204
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v25	0.9141
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v25	0.9139
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v25	0.9295
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v25	0.9327
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v25	0.9038
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v25	0.9595
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v25	0.9302

Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v25	0.923
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v25	0.9295
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v25	0.9306
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v25	0.9306
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v25	0.9144
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v25	0.9246
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v25	0.9644
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v25	0.9334
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v25	0.9223
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v25	0.9551
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v25	0.9535
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v25	0.9424
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v25	0.9592
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v25	0.9309
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v25	0.93
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v25	0.9726
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v25	0.9312
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v25	0.9067
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v25	0.9151
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v25	0.9817
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v25	0.9759
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v25	0.9979
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v25	0.9986
Listeria_monocytogenes_1639_v25	Listeria_monocytogenes_1639_v25	0.0716
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v26	0.8527
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v26	0.8521
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v26	0.8564
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v26	0.797
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v26	0.8209
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v26	0.8622
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v26	0.8588
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v26	0.9066
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v26	0.9399
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v26	0.936
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v26	0.9363
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v26	0.9383
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v26	0.9249
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v26	0.9632
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v26	0.9079
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v26	0.9123
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v26	0.9711
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v26	0.9118
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v26	0.9235
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v26	0.9118
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v26	0.9143
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v26	0.91
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v26	0.911
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v26	0.9117
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v26	0.911
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v26	0.9115
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v26	0.9115
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v26	0.9117
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v26	0.9117
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v26	0.9117
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v26	0.9647
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v26	0.9658
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v26	0.9658
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v26	0.9297
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v26	0.9297
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v26	0.9256
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v26	0.9256
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v26	0.9295
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v26	0.9316
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v26	0.9306
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v26	0.939
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v26	0.939
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v26	0.9306
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v26	0.9298
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v26	0.9298
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v26	0.9356
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v26	0.9356
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v26	0.9266
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v26	0.9306
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v26	0.9419
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v26	0.9419
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v26	0.9237
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v26	0.9306
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v26	0.9266
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v26	0.9266
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v26	0.9266
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v26	0.9306
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v26	0.9302
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v26	0.9371
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v26	0.8917
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v26	0.9004
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v26	0.9698
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v26	0.901
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v26	0.9143
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v26	0.9034
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v26	0.9139
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v26	0.9284

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Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v26	0.9759
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v26	0.9986
Listeria_monocytogenes_1639_v26	Listeria_monocytogenes_1639_v26	0.072
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v27	0.8526
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v27	0.8523
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v27	0.8567
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v27	0.7973
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v27	0.8212
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v27	0.8625
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v27	0.8588
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v27	0.9069
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v27	0.9402
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v27	0.9364
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v27	0.9367
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v27	0.9383
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v27	0.9248
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v27	0.9647
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v27	0.9079
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v27	0.913
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v27	0.9725
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v27	0.9118
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v27	0.9235
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v27	0.9118
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v27	0.9143
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v27	0.9092
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v27	0.9103
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v27	0.9106
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v27	0.9103
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v27	0.9118
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v27	0.9118
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v27	0.9106
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v27	0.9106
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v27	0.9106
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v27	0.9643
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v27	0.965
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v27	0.965
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v27	0.9289
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v27	0.9289
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v27	0.9256
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v27	0.9256
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v27	0.9298
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v27	0.9316
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v27	0.9305
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v27	0.9393
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v27	0.9397
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v27	0.9305
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v27	0.9301
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v27	0.9301
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v27	0.9363
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v27	0.9363
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v27	0.9265
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v27	0.9305
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v27	0.9419
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v27	0.9419
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v27	0.924
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v27	0.9305
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v27	0.9265
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v27	0.9265
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v27	0.9265
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v27	0.9305
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v27	0.9305
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v27	0.9367
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v27	0.892
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v27	0.9007
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v27	0.9695
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v27	0.901
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v27	0.9143
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v27	0.9026
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v27	0.9131
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v27	0.9276
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v27	0.9003
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v27	0.9614
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v27	0.8795
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v27	0.9249
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v27	0.9307
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v27	0.9552
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v27	0.9552
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v27	0.9374
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v27	0.9149
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v27	0.9091
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v27	0.9087
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v27	0.9387
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v27	0.9152
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v27	0.9121
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v27	0.9301
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v27	0.9063
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v27	0.9118
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v27	0.9118
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v27	0.9121
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v27	0.9363
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v27	0.9114

Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v27	0.9171
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v27	0.9301
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v27	0.9471
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v27	0.9169
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v27	0.9358
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v27	0.9418
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v27	0.9415
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v27	0.9079
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v27	0.936
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v27	0.9098
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v27	0.9095
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v27	0.9368
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v27	0.9279
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v27	0.9471
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v27	0.9322
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v27	0.9354
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v27	0.9245
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v27	0.9279
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v27	0.901
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v27	0.936
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v27	0.9815
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v27	0.9079
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v27	0.9213
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v27	0.971
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v27	0.9467
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v27	0.9103
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v27	0.9324
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v27	0.9204
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v27	0.9394
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v27	0.9416
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v27	0.9344
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v27	0.9296
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v27	0.9306
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v27	0.9314
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v27	0.9226
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v27	0.9193
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v27	0.9097
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v27	0.9134
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v27	0.9002
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v27	0.9046
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v27	0.9114
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v27	0.8996
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v27	0.9211
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v27	0.914
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v27	0.9142
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v27	0.9291
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v27	0.9316
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v27	0.9041
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v27	0.9591
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v27	0.9302
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v27	0.9234
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v27	0.9291
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v27	0.9305
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v27	0.9305
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v27	0.9144
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v27	0.9246
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v27	0.9647
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v27	0.9323
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v27	0.9215
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v27	0.9557
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v27	0.9542
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v27	0.9431
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v27	0.9596
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v27	0.9308
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v27	0.9289
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v27	0.9723
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v27	0.9312
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v27	0.9066
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v27	0.9154
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v27	0.9813
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v27	0.9773
Listeria_monocytogenes_1639_v27	Listeria_monocytogenes_1639_v27	0.0717
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v28	0.8608
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v28	0.8605
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v28	0.8661
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v28	0.8105
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v28	0.832
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v28	0.8689
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v28	0.8625
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v28	0.9156
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v28	0.9493
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v28	0.9398
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v28	0.9464
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v28	0.9325
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v28	0.9333
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v28	0.979
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v28	0.9166
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v28	0.9223
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v28	0.9708
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v28	0.9209
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v28	0.9261

Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v28	0.9209
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v28	0.9235
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v28	0.9131
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v28	0.9141
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v28	0.9145
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v28	0.9141
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v28	0.921
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v28	0.921
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v28	0.9141
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v28	0.9141
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v28	0.9141
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v28	0.9761
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v28	0.9772
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v28	0.9772
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v28	0.9322
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v28	0.9322
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v28	0.9408
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v28	0.9408
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v28	0.9459
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v28	0.9481
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v28	0.9463
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v28	0.9491
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v28	0.9495
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v28	0.9463
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v28	0.9459
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v28	0.9459
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v28	0.9458
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v28	0.9458
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v28	0.9422
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v28	0.9463
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v28	0.9483
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v28	0.9483
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v28	0.9409
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v28	0.9463
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v28	0.9422
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v28	0.9422
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v28	0.9422
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v28	0.9463
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v28	0.9463
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v28	0.9419
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v28	0.8977
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v28	0.9029
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v28	0.9728
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v28	0.9032
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v28	0.9235
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v28	0.917
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v28	0.9159
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v28	0.9379
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v28	0.9029
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v28	0.9761
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v28	0.8879
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v28	0.9338
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v28	0.9398
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v28	0.9603
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v28	0.9603
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v28	0.9472
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v28	0.9241
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v28	0.9178
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v28	0.9175
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v28	0.9402
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v28	0.9245
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v28	0.9182
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v28	0.9412
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v28	0.9223
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v28	0.9175
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v28	0.9175
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v28	0.9178
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v28	0.9356
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v28	0.9193
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v28	0.9199
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v28	0.9412
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v28	0.9527
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v28	0.9212
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v28	0.951
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v28	0.9434
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v28	0.9431
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v28	0.9113
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v28	0.9512
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v28	0.9125
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v28	0.9122
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v28	0.9517
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v28	0.932
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v28	0.9527
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v28	0.947
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v28	0.951
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v28	0.9393
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v28	0.9447
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v28	0.9032
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v28	0.9313
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v28	0.9686
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v28	0.9128

Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v28	0.9325
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v28	0.9802
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v28	0.9523
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v28	0.9141
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v28	0.9332
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v28	0.9384
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v28	0.9484
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v28	0.9424
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v28	0.9425
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v28	0.934
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v28	0.9475
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v28	0.9472
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v28	0.9413
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v28	0.9054
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v28	0.918
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v28	0.9177
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v28	0.9156
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v28	0.921
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v28	0.9116
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v28	0.9141
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v28	0.9288
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v28	0.9179
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v28	0.909
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v28	0.9448
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v28	0.918
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v28	0.9127
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v28	0.9722
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v28	0.9459
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v28	0.9381
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v28	0.9367
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v28	0.9463
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v28	0.9463
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v28	0.9295
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v28	0.9177
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v28	0.968
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v28	0.9183
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v28	0.938
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v28	0.9637
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v28	0.9639
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v28	0.9374
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v28	0.9695
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v28	0.9466
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v28	0.9322
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v28	0.9734
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v28	0.9469
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v28	0.9171
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v28	0.91
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v28	0.9848
Listeria_monocytogenes_1639_v28	Listeria_monocytogenes_1639_v28	0.0685
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v29	0.8571
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v29	0.8568
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v29	0.8616
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v29	0.8057
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v29	0.8299
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v29	0.8662
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v29	0.8569
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v29	0.9116
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v29	0.9433
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v29	0.9342
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v29	0.9415
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v29	0.938
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v29	0.93
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v29	0.9725
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v29	0.9126
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v29	0.9178
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v29	0.9753
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v29	0.9165
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v29	0.9212
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v29	0.9165
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v29	0.919
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v29	0.9084
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v29	0.9094
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v29	0.9098
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v29	0.9094
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v29	0.9166
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v29	0.9166
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v29	0.9109
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v29	0.9109
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v29	0.9109
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v29	0.9769
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v29	0.9777
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v29	0.9777
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v29	0.9296
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v29	0.9296
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v29	0.9353
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v29	0.9353
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v29	0.9393
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v29	0.9407
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v29	0.9404
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v29	0.9442
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v29	0.9445

Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v29	0.9404
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v29	0.94
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v29	0.94
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v29	0.9412
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v29	0.9412
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v29	0.9363
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v29	0.9404
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v29	0.9423
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v29	0.9423
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v29	0.9342
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v29	0.9404
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v29	0.9363
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v29	0.9363
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v29	0.9363
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v29	0.9404
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v29	0.9404
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v29	0.9524
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v29	0.8925
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v29	0.898
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v29	0.97
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v29	0.8983
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v29	0.919
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v29	0.9116
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v29	0.9138
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v29	0.932
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v29	0.898
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v29	0.9737
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v29	0.8841
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v29	0.9297
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v29	0.9352
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v29	0.9546
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v29	0.9546
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v29	0.9422
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v29	0.9196
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v29	0.9138
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v29	0.9134
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v29	0.9394
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v29	0.9173
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v29	0.9204
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v29	0.9341
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v29	0.915
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v29	0.9212
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v29	0.9212
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v29	0.9215
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v29	0.9374
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v29	0.9204
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v29	0.9163
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v29	0.9341
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v29	0.9583
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v29	0.9154
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v29	0.9479
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v29	0.9404
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v29	0.9401
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v29	0.9085
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v29	0.9463
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v29	0.9093
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v29	0.909
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v29	0.9464
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v29	0.9279
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v29	0.9583
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v29	0.9425
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v29	0.9461
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v29	0.9348
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v29	0.9403
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v29	0.8983
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v29	0.9291
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v29	0.9778
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v29	0.907
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v29	0.9289
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v29	0.9759
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v29	0.958
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v29	0.9094
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v29	0.9332
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v29	0.9306
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v29	0.9439
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v29	0.9376
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v29	0.9384
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v29	0.9387
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v29	0.9401
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v29	0.9409
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v29	0.9343
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v29	0.9118
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v29	0.9133
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v29	0.9129
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v29	0.9092
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v29	0.914
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v29	0.9149
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v29	0.9079
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v29	0.9258
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v29	0.9129
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v29	0.9112

Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v29	0.9389
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v29	0.9237
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v29	0.9084
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v29	0.972
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v29	0.9397
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v29	0.9354
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v29	0.9395
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v29	0.9404
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v29	0.9404
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v29	0.9248
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v29	0.921
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v29	0.9686
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v29	0.9244
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v29	0.9332
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v29	0.9603
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v29	0.959
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v29	0.9428
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v29	0.9623
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v29	0.9407
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v29	0.9296
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v29	0.9681
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v29	0.941
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v29	0.9116
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v29	0.9122
Listeria_monocytogenes_1639_v29	Listeria_monocytogenes_1639_v29	0.0735
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v2	0.8328
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v2	0.8322
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v2	0.8473
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v2	0.7931
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v2	0.8304
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v2	0.8498
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v2	0.8682
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v2	0.9027
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v2	0.8977
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v2	0.9066
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v2	0.8998
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v2	0.9524
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v2	0.9074
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v2	0.8963
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v2	0.904
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v2	0.8885
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v2	0.9041
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v2	0.9085
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v2	0.8873
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v2	0.9085
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v2	0.9106
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v2	0.9083
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v2	0.9093
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v2	0.9103
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v2	0.9096
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v2	0.909
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v2	0.909
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v2	0.9085
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v2	0.9085
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v2	0.9085
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v2	0.8976
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v2	0.8984
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v2	0.8984
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v2	0.908
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v2	0.908
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v2	0.893
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v2	0.893
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v2	0.8959
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v2	0.8965
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v2	0.8962
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v2	0.8945
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v2	0.8945
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v2	0.8962
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v2	0.8965
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v2	0.8965
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v2	0.9001
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v2	0.9001
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v2	0.8935
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v2	0.8962
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v2	0.9052
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v2	0.9052
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v2	0.902
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v2	0.8962
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v2	0.8935
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v2	0.8935
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v2	0.8935
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v2	0.8962
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v2	0.8959
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v2	0.9041
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v2	0.8583
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v2	0.8737
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v2	0.8975
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v2	0.8743
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v2	0.911
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v2	0.9039
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v2	0.9011

Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v2	0.9117
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v2	0.874
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v2	0.8946
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v2	0.8673
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v2	0.9128
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v2	0.9034
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v2	0.9044
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v2	0.9047
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v2	0.9005
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v2	0.9102
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v2	0.9034
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v2	0.9034
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v2	0.9118
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v2	0.9254
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v2	0.9153
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v2	0.9084
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v2	0.914
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v2	0.9143
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v2	0.9144
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v2	0.9147
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v2	0.8986
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v2	0.9157
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v2	0.9084
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v2	0.9084
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v2	0.9166
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v2	0.9147
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v2	0.9003
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v2	0.9006
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v2	0.9003
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v2	0.907
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v2	0.904
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v2	0.9056
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v2	0.9053
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v2	0.9017
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v2	0.9129
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v2	0.9166
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v2	0.9008
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v2	0.9018
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v2	0.8985
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v2	0.8932
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v2	0.8743
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v2	0.9231
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v2	0.9026
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v2	0.9055
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v2	0.9173
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v2	0.9012
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v2	0.916
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v2	0.9096
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v2	0.9049
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v2	0.9174
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v2	0.8986
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v2	0.898
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v2	0.8922
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v2	0.9193
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v2	0.9007
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v2	0.898
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v2	0.9117
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v2	0.9551
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v2	0.8994
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v2	0.9084
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v2	0.9239
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v2	0.9077
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v2	0.916
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v2	0.888
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v2	0.8909
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v2	0.9073
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v2	0.911
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v2	0.8951
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v2	0.9451
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v2	0.9004
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v2	0.8954
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v2	0.8969
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v2	0.9028
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v2	0.9004
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v2	0.8962
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v2	0.8962
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v2	0.8932
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v2	0.8951
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v2	0.8964
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v2	0.9458
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v2	0.9146
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v2	0.8935
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v2	0.9184
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v2	0.909
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v2	0.8923
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v2	0.9014
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v2	0.908
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v2	0.905
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v2	0.9017
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v2	0.921
Listeria_monocytogenes_1639_v2	Listeria_monocytogenes_1639_v2	0.0771

Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v30	0.8661
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v30	0.8655
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v30	0.8788
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v30	0.8131
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v30	0.8258
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v30	0.8792
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v30	0.8883
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v30	0.94
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v30	0.9268
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v30	0.9307
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v30	0.931
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v30	0.9371
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v30	0.9484
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v30	0.9244
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v30	0.9411
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v30	0.9259
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v30	0.9176
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v30	0.9445
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v30	0.9077
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v30	0.9445
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v30	0.9452
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v30	0.9324
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v30	0.9335
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v30	0.9327
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v30	0.9335
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v30	0.9453
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v30	0.9453
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v30	0.9342
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v30	0.9342
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v30	0.9342
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v30	0.9251
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v30	0.9262
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v30	0.9262
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v30	0.949
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v30	0.949
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v30	0.9187
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v30	0.9187
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v30	0.9157
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v30	0.9134
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v30	0.916
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v30	0.9337
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v30	0.9337
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v30	0.916
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v30	0.9156
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v30	0.9156
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v30	0.937
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v30	0.937
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v30	0.9201
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v30	0.916
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v30	0.9237
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v30	0.9237
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v30	0.9222
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v30	0.916
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v30	0.9201
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v30	0.9201
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v30	0.9201
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v30	0.916
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v30	0.9157
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v30	0.9146
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v30	0.885
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v30	0.8926
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v30	0.923
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v30	0.8933
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v30	0.9455
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v30	0.9297
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v30	0.9285
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v30	0.9244
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v30	0.8926
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v30	0.9241
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v30	0.8972
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v30	0.9546
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v30	0.9385
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v30	0.9327
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v30	0.9331
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v30	0.9317
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v30	0.9495
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v30	0.9443
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v30	0.9443
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v30	0.9116
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v30	0.9472
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v30	0.9308
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v30	0.9303
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v30	0.9362
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v30	0.9298
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v30	0.9298
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v30	0.9298
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v30	0.9185
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v30	0.9308
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v30	0.9278
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v30	0.9303
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v30	0.9057

Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v30	0.9423
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v30	0.9242
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v30	0.92
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v30	0.9193
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v30	0.9321
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v30	0.9251
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v30	0.9356
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v30	0.9349
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v30	0.9241
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v30	0.9448
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v30	0.9057
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v30	0.9232
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v30	0.9238
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v30	0.9213
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v30	0.9281
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v30	0.8933
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v30	0.916
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v30	0.9182
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v30	0.9341
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v30	0.91
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v30	0.9217
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v30	0.9051
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v30	0.9339
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v30	0.9282
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v30	0.9468
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v30	0.9312
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v30	0.9272
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v30	0.9358
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v30	0.9401
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v30	0.9282
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v30	0.9183
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v30	0.9252
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v30	0.9349
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v30	0.9356
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v30	0.939
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v30	0.9462
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v30	0.9364
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v30	0.9233
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v30	0.9097
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v30	0.9271
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v30	0.9306
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v30	0.9301
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v30	0.9153
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v30	0.9477
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v30	0.932
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v30	0.9289
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v30	0.9149
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v30	0.9286
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v30	0.9074
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v30	0.916
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v30	0.916
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v30	0.9227
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v30	0.9029
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v30	0.9322
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v30	0.948
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v30	0.9438
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v30	0.9232
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v30	0.9372
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v30	0.9215
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v30	0.9329
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v30	0.9248
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v30	0.949
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v30	0.9156
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v30	0.9251
Listeria_monocytogenes_1639_v30	Listeria_monocytogenes_1639_v30	0.0677
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v31	0.8744
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v31	0.8738
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v31	0.8788
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v31	0.8152
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v31	0.836
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v31	0.8747
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v31	0.8715
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v31	0.9286
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v31	0.9509
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v31	0.9478
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v31	0.9521
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v31	0.9262
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v31	0.9397
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v31	0.953
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v31	0.93
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v31	0.9242
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v31	0.9468
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v31	0.9258
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v31	0.9317
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v31	0.9258
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v31	0.9325
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v31	0.9256
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v31	0.9267
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v31	0.9274
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v31	0.9267
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v31	0.9285

Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v31	0.9285
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v31	0.9281
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v31	0.9281
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v31	0.9281
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v31	0.953
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v31	0.9541
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v31	0.9541
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v31	0.9323
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v31	0.9323
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v31	0.9427
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v31	0.9427
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v31	0.9467
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v31	0.9471
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v31	0.9467
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v31	0.9552
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v31	0.9552
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v31	0.9467
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v31	0.9471
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v31	0.9471
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v31	0.9489
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v31	0.9489
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v31	0.9426
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v31	0.9467
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v31	0.9514
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v31	0.9514
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v31	0.9447
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v31	0.9467
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v31	0.9426
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v31	0.9426
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v31	0.9426
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v31	0.9467
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v31	0.9464
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v31	0.9435
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v31	0.8994
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v31	0.9087
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v31	0.9465
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v31	0.9094
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v31	0.9325
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v31	0.9203
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v31	0.9313
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v31	0.9675
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v31	0.909
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v31	0.9509
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v31	0.8945
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v31	0.9383
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v31	0.9516
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v31	0.9482
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v31	0.9485
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v31	0.9525
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v31	0.9282
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v31	0.9343
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v31	0.9343
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v31	0.9527
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v31	0.9252
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v31	0.9222
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v31	0.9468
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v31	0.9283
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v31	0.9208
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v31	0.9208
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v31	0.9211
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v31	0.9434
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v31	0.9229
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v31	0.9243
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v31	0.9468
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v31	0.9361
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v31	0.928
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v31	0.9526
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v31	0.9461
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v31	0.9454
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v31	0.9261
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v31	0.955
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v31	0.9299
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v31	0.9292
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v31	0.9577
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v31	0.9353
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v31	0.9361
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v31	0.9552
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v31	0.9574
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v31	0.9479
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v31	0.9518
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v31	0.9094
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v31	0.9299
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v31	0.9434
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v31	0.9287
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v31	0.9458
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v31	0.9521
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v31	0.9354
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v31	0.927
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v31	0.9789
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v31	0.9407
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v31	0.953

Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v31	0.9436
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v31	0.9515
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v31	0.9362
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v31	0.9546
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v31	0.9499
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v31	0.9711
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v31	0.8897
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v31	0.935
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v31	0.9291
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v31	0.9178
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v31	0.9362
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v31	0.9159
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v31	0.9174
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v31	0.9403
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v31	0.9275
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v31	0.9262
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v31	0.9456
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v31	0.9018
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v31	0.9234
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v31	0.9489
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v31	0.9471
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v31	0.9807
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v31	0.9378
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v31	0.9467
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v31	0.9467
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v31	0.9394
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v31	0.9242
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v31	0.9472
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v31	0.9021
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v31	0.9388
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v31	0.9481
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v31	0.9319
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v31	0.9397
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v31	0.9468
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v31	0.9989
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v31	0.9323
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v31	0.9382
Listeria_monocytogenes_1639_v31	Listeria_monocytogenes_1639_v31	0.0699
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v32	0.8612
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v32	0.8606
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v32	0.865
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v32	0.8058
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v32	0.8227
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v32	0.8652
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v32	0.8684
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v32	0.9145
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v32	0.9493
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v32	0.9447
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v32	0.9468
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v32	0.9288
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v32	0.9337
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v32	0.9654
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v32	0.9159
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v32	0.9216
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v32	0.9588
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v32	0.9217
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v32	0.9343
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v32	0.9217
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v32	0.9239
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v32	0.9186
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v32	0.9197
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v32	0.9204
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v32	0.9197
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v32	0.9218
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v32	0.9218
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v32	0.9204
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v32	0.9204
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v32	0.9204
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v32	0.9665
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v32	0.9676
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v32	0.9676
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v32	0.9403
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v32	0.9403
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v32	0.9354
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v32	0.9354
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v32	0.9397
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v32	0.9441
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v32	0.9408
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v32	0.9487
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v32	0.9487
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v32	0.9408
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v32	0.9411
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v32	0.9411
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v32	0.9462
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v32	0.9462
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v32	0.9367
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v32	0.9408
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v32	0.955
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v32	0.955
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v32	0.9343
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v32	0.9408

Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v32	0.9367
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v32	0.9367
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v32	0.9367
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v32	0.9408
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v32	0.9404
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v32	0.9409
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v32	0.8995
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v32	0.9092
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v32	0.9714
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v32	0.9098
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v32	0.9239
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v32	0.9141
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v32	0.9214
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v32	0.9375
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v32	0.9091
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v32	0.9629
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v32	0.888
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v32	0.9338
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v32	0.939
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v32	0.964
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v32	0.9644
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v32	0.9475
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v32	0.9249
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v32	0.916
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v32	0.916
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v32	0.9377
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v32	0.9238
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v32	0.9149
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v32	0.9412
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v32	0.9175
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v32	0.9149
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v32	0.915
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v32	0.9149
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v32	0.9356
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v32	0.9145
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v32	0.9276
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v32	0.9412
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v32	0.9404
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v32	0.9276
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v32	0.9469
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v32	0.9515
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v32	0.9508
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v32	0.9169
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v32	0.9457
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v32	0.9181
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v32	0.9178
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v32	0.9458
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v32	0.939
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v32	0.9404
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v32	0.9396
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v32	0.944
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v32	0.9345
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v32	0.9371
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v32	0.9098
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v32	0.9379
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v32	0.9697
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v32	0.9169
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v32	0.9271
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v32	0.9692
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v32	0.9397
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v32	0.92
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v32	0.9395
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v32	0.9288
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v32	0.9488
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v32	0.9534
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v32	0.9436
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v32	0.9307
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v32	0.9398
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v32	0.9428
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v32	0.9339
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v32	0.9086
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v32	0.9162
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v32	0.9214
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v32	0.9102
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v32	0.9129
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v32	0.9145
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v32	0.909
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v32	0.9277
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v32	0.9238
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v32	0.9134
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v32	0.9397
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v32	0.9209
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v32	0.9112
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v32	0.9605
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v32	0.9419
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v32	0.9307
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v32	0.9313
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v32	0.9408
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v32	0.9408
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v32	0.9226
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v32	0.9235

Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v32	0.9611
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v32	0.9212
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v32	0.9314
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v32	0.9634
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v32	0.9708
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v32	0.9367
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v32	0.9592
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v32	0.9378
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v32	0.9403
Listeria_monocytogenes_1639_v32	Listeria_monocytogenes_1639_v32	0.0688
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v33	0.8694
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v33	0.8691
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v33	0.8744
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v33	0.8154
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v33	0.8298
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v33	0.876
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v33	0.8769
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v33	0.9371
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v33	0.9374
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v33	0.9376
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v33	0.939
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v33	0.9309
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v33	0.9564
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v33	0.9385
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v33	0.9382
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v33	0.9272
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v33	0.9313
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v33	0.9442
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v33	0.9282
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v33	0.9442
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v33	0.946
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v33	0.9429
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v33	0.944
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v33	0.9447
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v33	0.9444
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v33	0.9416
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v33	0.9416
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v33	0.9455
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v33	0.9455
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v33	0.9455
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v33	0.9422
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v33	0.943
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v33	0.943
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v33	1
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v33	1
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v33	0.9382
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v33	0.9382
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v33	0.9342
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v33	0.9316
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v33	0.9345
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v33	0.9413
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v33	0.9417
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v33	0.9345
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v33	0.9356
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v33	0.9356
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v33	0.9356
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v33	0.9356
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v33	0.9396
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v33	0.9349
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v33	0.9491
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v33	0.9491
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v33	0.9287
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v33	0.9345
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v33	0.9396
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v33	0.9396
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v33	0.9396
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v33	0.9345
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v33	0.9345
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v33	0.9342
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v33	0.8917
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v33	0.9152
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v33	0.9457
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v33	0.9155
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v33	0.9464
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v33	0.9361
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v33	0.9463
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v33	0.9357
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v33	0.9144
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v33	0.939
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v33	0.8955
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v33	0.9558
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v33	0.936
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v33	0.9425
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v33	0.9429
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v33	0.9397
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v33	0.9462
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v33	0.9395
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v33	0.9391
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v33	0.9315
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v33	0.9451
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v33	0.9365

Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v33	0.9408
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v33	0.9375
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v33	0.9369
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v33	0.9369
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v33	0.9372
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v33	0.9304
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v33	0.9372
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v33	0.9497
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v33	0.9408
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v33	0.9241
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v33	0.9492
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v33	0.938
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v33	0.9427
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v33	0.942
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v33	0.9441
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v33	0.939
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v33	0.9439
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v33	0.9436
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v33	0.9391
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v33	0.9769
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v33	0.9241
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v33	0.9374
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v33	0.9395
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v33	0.9259
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v33	0.94
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v33	0.9155
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v33	0.9253
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v33	0.9426
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v33	0.9409
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v33	0.9226
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v33	0.9373
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v33	0.9237
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v33	0.944
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v33	0.9335
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v33	0.954
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v33	0.9358
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v33	0.955
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v33	0.9407
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v33	0.9664
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v33	0.9449
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v33	0.9358
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v33	0.9294
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v33	0.9382
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v33	0.9398
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v33	0.9476
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v33	0.9305
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v33	0.9383
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v33	0.9367
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v33	0.9117
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v33	0.9212
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v33	0.9489
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v33	0.9405
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v33	0.9338
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v33	0.9517
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v33	0.9333
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v33	0.9466
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v33	0.932
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v33	0.925
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v33	0.9254
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v33	0.9345
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v33	0.9345
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v33	0.9236
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v33	0.9252
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v33	0.9442
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v33	0.9521
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v33	0.9542
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v33	0.9303
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v33	0.9259
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v33	0.9293
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v33	0.943
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v33	0.9319
Listeria_monocytogenes_1639_v33	Listeria_monocytogenes_1639_v33	0.0719
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v34	0.8741
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v34	0.8734
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v34	0.8784
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v34	0.8152
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v34	0.8356
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v34	0.8743
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v34	0.8711
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v34	0.9283
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v34	0.9505
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v34	0.9474
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v34	0.9518
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v34	0.9258
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v34	0.9393
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v34	0.9527
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v34	0.9296
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v34	0.9238
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v34	0.9464
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v34	0.9254
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v34	0.9313

Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v34	0.9254
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v34	0.9321
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v34	0.9252
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v34	0.9263
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v34	0.927
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v34	0.9263
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v34	0.9281
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v34	0.9281
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v34	0.9278
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v34	0.9278
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v34	0.9278
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v34	0.9527
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v34	0.9538
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v34	0.9538
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v34	0.9319
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v34	0.9319
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v34	0.9427
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v34	0.9427
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v34	0.9467
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v34	0.9471
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v34	0.9467
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v34	0.9548
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v34	0.9548
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v34	0.9467
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v34	0.9471
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v34	0.9471
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v34	0.9489
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v34	0.9489
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v34	0.9426
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v34	0.9467
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v34	0.951
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v34	0.951
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v34	0.9447
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v34	0.9467
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v34	0.9426
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v34	0.9426
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v34	0.9426
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v34	0.9467
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v34	0.9464
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v34	0.9435
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v34	0.899
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v34	0.9087
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v34	0.9461
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v34	0.909
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v34	0.9321
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v34	0.9199
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v34	0.9309
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v34	0.9668
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v34	0.9087
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v34	0.9505
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v34	0.8941
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v34	0.9379
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v34	0.9512
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v34	0.9478
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v34	0.9482
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v34	0.9521
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v34	0.9278
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v34	0.934
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v34	0.9339
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v34	0.9523
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v34	0.9248
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v34	0.9218
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v34	0.9464
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v34	0.9279
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v34	0.9204
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v34	0.9204
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v34	0.9208
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v34	0.943
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v34	0.9226
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v34	0.9239
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v34	0.9464
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v34	0.9361
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v34	0.9276
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v34	0.9526
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v34	0.9457
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v34	0.945
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v34	0.9257
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v34	0.9547
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v34	0.9295
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v34	0.9288
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v34	0.9574
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v34	0.935
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v34	0.9361
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v34	0.9549
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v34	0.957
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v34	0.9476
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v34	0.9515
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v34	0.909
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v34	0.9295
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v34	0.9431
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v34	0.9283

Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v34	0.9454
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v34	0.9517
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v34	0.9354
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v34	0.9266
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v34	0.9781
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v34	0.9403
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v34	0.9526
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v34	0.9436
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v34	0.9511
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v34	0.9359
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v34	0.9542
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v34	0.9499
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v34	0.9703
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v34	0.8893
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v34	0.9347
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v34	0.9288
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v34	0.9174
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v34	0.9358
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v34	0.9155
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v34	0.9171
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v34	0.9399
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v34	0.9271
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v34	0.9258
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v34	0.9456
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v34	0.9014
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v34	0.923
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v34	0.9485
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v34	0.9471
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v34	0.98
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v34	0.9378
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v34	0.9467
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v34	0.9467
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v34	0.939
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v34	0.9238
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v34	0.9468
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v34	0.9018
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v34	0.9384
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v34	0.9477
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v34	0.9315
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v34	0.9393
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v34	0.9464
Listeria_monocytogenes_1639_v34	Listeria_monocytogenes_1639_v34	0.0695
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v35	0.8685
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v35	0.8681
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v35	0.8762
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v35	0.8099
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v35	0.8287
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v35	0.8797
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v35	0.8678
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v35	0.9252
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v35	0.9607
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v35	0.9479
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v35	0.9545
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v35	0.9236
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v35	0.9427
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v35	0.9822
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v35	0.9263
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v35	0.9322
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v35	0.9749
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v35	0.9307
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v35	0.9363
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v35	0.9307
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v35	0.9333
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v35	0.9189
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v35	0.9199
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v35	0.9203
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v35	0.9199
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v35	0.9304
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v35	0.9304
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v35	0.9207
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v35	0.9207
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v35	0.9207
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v35	0.9732
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v35	0.9747
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v35	0.9747
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v35	0.943
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v35	0.943
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v35	0.9446
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v35	0.9446
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v35	0.9428
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v35	0.9435
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v35	0.942
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v35	0.958
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v35	0.9583
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v35	0.942
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v35	0.942
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v35	0.942
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v35	0.9559
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v35	0.9559
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v35	0.9452
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v35	0.942

Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v35	0.9496
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v35	0.9496
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v35	0.9388
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v35	0.942
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v35	0.9452
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v35	0.9452
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v35	0.9452
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v35	0.942
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v35	0.942
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v35	0.9399
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v35	0.905
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v35	0.9067
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v35	0.9811
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v35	0.907
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v35	0.9333
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v35	0.9165
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v35	0.9165
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v35	0.9376
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v35	0.9067
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v35	0.9729
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v35	0.8973
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v35	0.9421
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v35	0.9498
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v35	0.9648
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v35	0.9648
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v35	0.9552
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v35	0.9339
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v35	0.9264
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v35	0.926
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v35	0.9363
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v35	0.9189
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v35	0.9181
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v35	0.9461
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v35	0.9211
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v35	0.9177
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v35	0.9178
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v35	0.9181
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v35	0.9438
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v35	0.9185
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v35	0.922
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v35	0.9461
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v35	0.9332
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v35	0.9261
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v35	0.9534
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v35	0.9451
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v35	0.9447
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v35	0.9178
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v35	0.9533
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v35	0.9183
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v35	0.918
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v35	0.9478
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v35	0.9387
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v35	0.9332
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v35	0.9472
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v35	0.9482
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v35	0.939
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v35	0.9516
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v35	0.907
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v35	0.9354
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v35	0.9697
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v35	0.9164
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v35	0.9348
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v35	0.9752
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v35	0.9329
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v35	0.9199
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v35	0.9407
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v35	0.9392
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v35	0.9569
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v35	0.9522
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v35	0.9576
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v35	0.9351
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v35	0.9506
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v35	0.9433
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v35	0.9392
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v35	0.9012
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v35	0.9239
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v35	0.9243
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v35	0.9137
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v35	0.9194
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v35	0.9114
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v35	0.9144
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v35	0.9381
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v35	0.9204
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v35	0.9136
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v35	0.9405
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v35	0.9139
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v35	0.9207
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v35	0.9782
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v35	0.942
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v35	0.9396
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v35	0.9331

Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v35	0.942
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v35	0.942
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v35	0.9379
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v35	0.9303
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v35	0.9903
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v35	0.9143
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v35	0.9388
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v35	0.9682
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v35	0.9569
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v35	0.9504
Listeria_monocytogenes_1639_v35	Listeria_monocytogenes_1639_v35	0.0703
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v36	0.8602
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v36	0.8599
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v36	0.8689
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v36	0.7995
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v36	0.8198
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v36	0.8667
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v36	0.8637
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v36	0.9142
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v36	0.9508
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v36	0.9384
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v36	0.9498
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v36	0.9414
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v36	0.9282
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v36	0.9412
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v36	0.9152
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v36	0.9235
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v36	0.9493
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v36	0.9199
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v36	0.9306
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v36	0.9199
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v36	0.9235
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v36	0.9084
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v36	0.9094
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v36	0.9097
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v36	0.9094
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v36	0.9211
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v36	0.9211
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v36	0.9101
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v36	0.9101
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v36	0.9101
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v36	0.9378
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v36	0.9382
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v36	0.9382
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v36	0.9293
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v36	0.9293
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v36	0.9394
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v36	0.9394
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v36	0.9339
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v36	0.9346
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v36	0.9343
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v36	0.9439
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v36	0.9443
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v36	0.9343
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v36	0.9357
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v36	0.9357
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v36	0.9466
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v36	0.9466
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v36	0.9382
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v36	0.9343
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v36	0.9458
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v36	0.9458
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v36	0.9328
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v36	0.9343
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v36	0.9382
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v36	0.9382
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v36	0.9382
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v36	0.9343
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v36	0.9343
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v36	0.9398
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v36	0.8892
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v36	0.8997
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v36	0.9394
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v36	0.9
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v36	0.9235
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v36	0.9068
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v36	0.9079
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v36	0.9299
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v36	0.8997
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v36	0.9368
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v36	0.8895
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v36	0.9286
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v36	0.9451
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v36	0.9351
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v36	0.9351
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v36	0.9505
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v36	0.9226
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v36	0.9187
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v36	0.9183
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v36	0.9359
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v36	0.9061

Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v36	0.9164
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v36	0.9353
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v36	0.9146
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v36	0.9157
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v36	0.9158
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v36	0.9164
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v36	0.9419
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v36	0.9172
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v36	0.9119
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v36	0.9353
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v36	0.9397
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v36	0.9195
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v36	0.944
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v36	0.9398
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v36	0.9394
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v36	0.907
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v36	0.9424
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v36	0.9104
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v36	0.9101
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v36	0.9418
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v36	0.925
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v36	0.9397
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v36	0.9422
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v36	0.9411
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v36	0.9301
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v36	0.9407
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v36	0.9
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v36	0.931
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v36	0.9419
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v36	0.9088
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v36	0.9293
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v36	0.9392
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v36	0.9394
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v36	0.9094
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v36	0.9333
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v36	0.9263
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v36	0.9455
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v36	0.9458
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v36	0.9452
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v36	0.9307
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v36	0.9475
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v36	0.9373
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v36	0.9325
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v36	0.9097
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v36	0.9173
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v36	0.9114
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v36	0.9058
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v36	0.9129
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v36	0.9102
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v36	0.9019
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v36	0.9277
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v36	0.9139
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v36	0.9142
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v36	0.9328
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v36	0.9223
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v36	0.9113
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v36	0.9423
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v36	0.9354
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v36	0.9326
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v36	0.9331
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v36	0.9343
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v36	0.9343
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v36	0.9277
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v36	0.9361
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v36	0.9515
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v36	0.923
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v36	0.923
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v36	0.9531
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v36	0.9366
Listeria_monocytogenes_1639_v36	Listeria_monocytogenes_1639_v36	0.0709
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v37	0.8596
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v37	0.8589
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v37	0.8676
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v37	0.8014
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v37	0.8162
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v37	0.8662
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v37	0.8787
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v37	0.9155
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v37	0.9455
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v37	0.9383
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v37	0.9467
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v37	0.9302
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v37	0.931
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v37	0.9577
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v37	0.9169
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v37	0.923
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v37	0.9499
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v37	0.9227
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v37	0.9241
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v37	0.9227
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v37	0.9249

Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v37	0.9082
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v37	0.9093
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v37	0.9099
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v37	0.9093
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v37	0.9228
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v37	0.9228
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v37	0.91
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v37	0.91
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v37	0.91
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v37	0.9569
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v37	0.958
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v37	0.958
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v37	0.9259
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v37	0.9259
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v37	0.9277
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v37	0.9277
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v37	0.932
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v37	0.9334
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v37	0.9327
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v37	0.9472
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v37	0.9472
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v37	0.9327
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v37	0.9323
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v37	0.9323
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v37	0.9476
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v37	0.9476
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v37	0.9286
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v37	0.9323
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v37	0.9401
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v37	0.9401
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v37	0.9316
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v37	0.9327
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v37	0.9286
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v37	0.9286
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v37	0.9286
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v37	0.9327
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v37	0.9323
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v37	0.9306
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v37	0.8951
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v37	0.8966
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v37	0.9563
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v37	0.8973
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v37	0.9249
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v37	0.9089
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v37	0.9078
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v37	0.9268
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v37	0.8966
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v37	0.957
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v37	0.8901
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v37	0.9315
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v37	0.9405
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v37	0.9543
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v37	0.9543
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v37	0.9475
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v37	0.9259
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v37	0.917
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v37	0.917
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v37	0.9242
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v37	0.9306
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v37	0.9107
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v37	0.9319
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v37	0.9137
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v37	0.9093
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v37	0.9094
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v37	0.9093
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v37	0.9345
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v37	0.9111
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v37	0.9139
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v37	0.9319
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v37	0.9335
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v37	0.9201
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v37	0.9439
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v37	0.9367
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v37	0.936
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v37	0.9076
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v37	0.9408
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v37	0.908
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v37	0.9077
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v37	0.9372
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v37	0.9286
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v37	0.9335
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v37	0.9329
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v37	0.9362
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v37	0.9307
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v37	0.9344
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v37	0.8973
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v37	0.9287
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v37	0.9521
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v37	0.9075
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v37	0.9234
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v37	0.9549

Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v37	0.9328
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v37	0.9096
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v37	0.9298
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v37	0.9273
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v37	0.9458
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v37	0.9354
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v37	0.9392
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v37	0.9247
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v37	0.9331
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v37	0.9347
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v37	0.9287
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v37	0.9226
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v37	0.9139
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v37	0.9146
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v37	0.9313
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v37	0.9095
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v37	0.9046
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v37	0.9048
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v37	0.9294
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v37	0.9123
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v37	0.9044
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v37	0.9312
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v37	0.9351
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v37	0.9119
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v37	0.9528
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v37	0.9323
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v37	0.9291
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v37	0.9229
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v37	0.9327
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v37	0.9327
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v37	0.9192
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v37	0.9119
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v37	0.957
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v37	0.9355
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v37	0.9243
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v37	0.9611
Listeria_monocytogenes_1639_v37	Listeria_monocytogenes_1639_v37	0.0675
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v38	0.8705
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v38	0.8702
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v38	0.871
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v38	0.8053
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v38	0.8219
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v38	0.8718
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v38	0.8639
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v38	0.9304
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v38	0.9519
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v38	0.9421
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v38	0.9506
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v38	0.9276
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v38	0.9407
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v38	0.9689
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v38	0.9311
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v38	0.9279
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v38	0.9618
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v38	0.9268
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v38	0.9324
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v38	0.9268
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v38	0.9294
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v38	0.9229
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v38	0.924
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v38	0.9243
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v38	0.924
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v38	0.9269
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v38	0.9269
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v38	0.9232
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v38	0.9232
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v38	0.9232
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v38	0.9656
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v38	0.9663
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v38	0.9663
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v38	0.9303
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v38	0.9303
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v38	0.9327
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v38	0.9327
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v38	0.9371
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v38	0.9382
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v38	0.9378
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v38	0.9536
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v38	0.954
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v38	0.9378
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v38	0.9389
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v38	0.9389
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v38	0.9527
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v38	0.9527
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v38	0.9337
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v38	0.9378
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v38	0.9454
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v38	0.9454
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v38	0.9353
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v38	0.9378
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v38	0.9337

Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v38	0.9337
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v38	0.9337
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v38	0.9378
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v38	0.9378
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v38	0.9375
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v38	0.8989
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v38	0.9023
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v38	0.9675
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v38	0.9026
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v38	0.9294
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v38	0.9124
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v38	0.9201
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v38	0.932
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v38	0.9019
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v38	0.9645
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v38	0.8943
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v38	0.939
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v38	0.9462
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v38	0.9608
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v38	0.9608
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v38	0.9513
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v38	0.9304
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v38	0.9312
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v38	0.9309
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v38	0.9278
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v38	0.9142
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v38	0.9132
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v38	0.9349
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v38	0.9177
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v38	0.9129
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v38	0.9129
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v38	0.9133
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v38	0.9385
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v38	0.9136
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v38	0.9175
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v38	0.9349
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v38	0.9328
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v38	0.9222
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v38	0.9492
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v38	0.9431
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v38	0.9427
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v38	0.9215
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v38	0.9475
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v38	0.9227
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v38	0.9224
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v38	0.9436
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v38	0.9338
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v38	0.9328
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v38	0.9433
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v38	0.9414
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v38	0.9367
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v38	0.9389
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v38	0.9026
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v38	0.9305
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v38	0.9599
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v38	0.9201
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v38	0.9292
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v38	0.9646
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v38	0.9324
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v38	0.924
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v38	0.9443
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v38	0.9339
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v38	0.9515
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v38	0.9388
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v38	0.9474
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v38	0.9321
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v38	0.9383
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v38	0.941
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v38	0.9332
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v38	0.896
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v38	0.9283
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v38	0.9283
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v38	0.9107
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v38	0.9231
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v38	0.9066
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v38	0.9091
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v38	0.9354
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v38	0.9159
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v38	0.9169
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v38	0.9364
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v38	0.9085
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v38	0.9262
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v38	0.9603
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v38	0.9386
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v38	0.9432
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v38	0.9286
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v38	0.9378
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v38	0.9378
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v38	0.9261
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v38	0.9158
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v38	0.9641

Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v38	0.9088
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v38	0.9335
Listeria_monocytogenes_1639_v38	Listeria_monocytogenes_1639_v38	0.0686
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v39	0.8669
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v39	0.8665
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v39	0.8761
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v39	0.8212
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v39	0.8407
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v39	0.8811
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v39	0.8752
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v39	0.9411
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v39	0.9384
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v39	0.9318
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v39	0.9366
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v39	0.9379
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v39	0.957
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v39	0.9488
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v39	0.9422
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v39	0.9236
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v39	0.9411
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v39	0.9456
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v39	0.9228
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v39	0.9456
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v39	0.944
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v39	0.9402
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v39	0.9413
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v39	0.9401
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v39	0.9413
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v39	0.9453
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v39	0.9453
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v39	0.9428
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v39	0.9428
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v39	0.9428
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v39	0.9488
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v39	0.9492
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v39	0.9492
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v39	0.9542
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v39	0.9542
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v39	0.929
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v39	0.929
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v39	0.9348
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v39	0.934
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v39	0.9344
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v39	0.939
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v39	0.9393
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v39	0.9344
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v39	0.9358
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v39	0.9358
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v39	0.9362
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v39	0.9362
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v39	0.9303
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v39	0.9348
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v39	0.9415
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v39	0.9415
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v39	0.9308
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v39	0.9344
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v39	0.9303
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v39	0.9303
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v39	0.9303
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v39	0.9344
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v39	0.9344
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v39	0.9348
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v39	0.8868
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v39	0.9021
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v39	0.9437
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v39	0.9025
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v39	0.9444
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v39	0.9397
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v39	0.9421
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v39	0.937
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v39	0.9018
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v39	0.9452
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v39	0.8998
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v39	0.9771
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v39	0.9332
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v39	0.9357
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v39	0.936
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v39	0.9373
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v39	0.9483
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v39	0.9447
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v39	0.9443
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v39	0.9346
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v39	0.9672
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v39	0.9393
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v39	0.9296
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v39	0.947
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v39	0.9397
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v39	0.9398
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v39	0.9401
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v39	0.9296
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v39	0.9397

Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v39	0.9415
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v39	0.9296
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v39	0.9232
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v39	0.9457
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v39	0.9454
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v39	0.9352
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v39	0.9344
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v39	0.9399
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v39	0.9448
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v39	0.9408
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v39	0.9401
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v39	0.945
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v39	0.9542
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v39	0.9232
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v39	0.9491
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v39	0.9477
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v39	0.9336
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v39	0.9373
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v39	0.9025
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v39	0.9196
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v39	0.9348
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v39	0.9419
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v39	0.925
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v39	0.945
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v39	0.9229
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v39	0.9413
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v39	0.9308
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v39	0.9821
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v39	0.9357
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v39	0.9331
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v39	0.9335
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v39	0.9549
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v39	0.9397
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v39	0.9364
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v39	0.9394
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v39	0.9086
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v39	0.9419
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v39	0.9427
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v39	0.9352
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v39	0.9475
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v39	0.934
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v39	0.9209
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v39	0.9237
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v39	0.9436
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v39	0.9367
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v39	0.9337
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v39	0.9217
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v39	0.9343
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v39	0.9436
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v39	0.9333
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v39	0.9346
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v39	0.9252
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v39	0.9344
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v39	0.9344
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v39	0.9219
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v39	0.9091
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v39	0.9352
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v39	0.922
Listeria_monocytogenes_1639_v39	Listeria_monocytogenes_1639_v39	0.0677
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v3	0.844
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v3	0.8437
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v3	0.8558
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v3	0.7956
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v3	0.8095
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v3	0.8586
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v3	0.8739
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v3	0.9177
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v3	0.905
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v3	0.9181
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v3	0.9089
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v3	0.9445
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v3	0.9228
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v3	0.9085
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v3	0.9187
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v3	0.9054
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v3	0.916
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v3	0.9238
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v3	0.8982
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v3	0.9238
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v3	0.9244
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v3	0.9214
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v3	0.9224
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v3	0.9217
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v3	0.9228
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v3	0.9205
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v3	0.9205
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v3	0.9232
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v3	0.9232
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v3	0.9232
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v3	0.9099
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v3	0.9105

Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v3	0.9106
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v3	0.9521
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v3	0.9521
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v3	0.9068
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v3	0.9068
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v3	0.9026
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v3	0.9008
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v3	0.9026
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v3	0.9102
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v3	0.9105
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v3	0.9026
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v3	0.9029
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v3	0.9029
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v3	0.9142
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v3	0.9142
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v3	0.907
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v3	0.9029
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v3	0.9139
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v3	0.9139
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v3	0.9085
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v3	0.9026
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v3	0.907
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v3	0.907
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v3	0.907
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v3	0.9026
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v3	0.9026
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v3	0.908
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v3	0.8732
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v3	0.8869
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v3	0.9144
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v3	0.8873
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v3	0.9248
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v3	0.9144
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v3	0.9173
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v3	0.9144
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v3	0.8866
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v3	0.9078
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v3	0.8766
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v3	0.9247
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v3	0.9152
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v3	0.9201
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v3	0.9205
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v3	0.9096
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v3	0.9261
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v3	0.9207
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v3	0.9203
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v3	0.9091
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v3	0.9353
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v3	0.9246
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v3	0.9215
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v3	0.9178
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v3	0.9239
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v3	0.9239
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v3	0.9242
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v3	0.909
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v3	0.9246
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v3	0.9194
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v3	0.9215
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v3	0.9176
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v3	0.9284
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v3	0.9086
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v3	0.9093
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v3	0.9093
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v3	0.9226
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v3	0.908
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v3	0.9249
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v3	0.9246
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v3	0.9064
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v3	0.9491
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v3	0.9176
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v3	0.9051
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v3	0.9065
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v3	0.9043
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v3	0.9114
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v3	0.8873
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v3	0.9097
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v3	0.9191
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v3	0.9197
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v3	0.8971
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v3	0.9092
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v3	0.9173
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v3	0.9224
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v3	0.9126
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v3	0.9246
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v3	0.907
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v3	0.9185
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v3	0.9084
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v3	0.9412
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v3	0.913
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v3	0.907
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v3	0.9093

Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v3	0.9851
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v3	0.915
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v3	0.9248
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v3	0.9339
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v3	0.9179
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v3	0.9238
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v3	0.8918
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v3	0.9024
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v3	0.9218
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v3	0.9274
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v3	0.9015
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v3	0.9986
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v3	0.9124
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v3	0.9147
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v3	0.9026
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v3	0.9057
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v3	0.9018
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v3	0.9026
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v3	0.9026
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v3	0.9013
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v3	0.9046
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v3	0.9183
Listeria_monocytogenes_1639_v3	Listeria_monocytogenes_1639_v3	0.0712
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v40	0.8697
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v40	0.8694
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v40	0.8756
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v40	0.8094
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v40	0.83
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v40	0.8798
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v40	0.8668
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v40	0.9245
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v40	0.9559
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v40	0.9479
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v40	0.9553
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v40	0.9274
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v40	0.9428
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v40	0.9744
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v40	0.9256
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v40	0.9315
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v40	0.9731
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v40	0.93
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v40	0.9318
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v40	0.93
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v40	0.9326
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v40	0.9178
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v40	0.9189
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v40	0.9192
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v40	0.9189
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v40	0.9297
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v40	0.9297
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v40	0.9196
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v40	0.9196
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v40	0.9196
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v40	0.9751
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v40	0.9762
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v40	0.9762
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v40	0.9442
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v40	0.9442
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v40	0.9454
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v40	0.9454
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v40	0.9421
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v40	0.9435
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v40	0.9428
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v40	0.9576
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v40	0.958
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v40	0.9428
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v40	0.9428
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v40	0.9428
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v40	0.9552
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v40	0.9552
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v40	0.946
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v40	0.9428
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v40	0.9504
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v40	0.9504
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v40	0.9381
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v40	0.9428
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v40	0.946
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v40	0.946
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v40	0.946
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v40	0.9428
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v40	0.9428
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v40	0.9443
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v40	0.904
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v40	0.9076
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v40	0.9733
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v40	0.9079
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v40	0.9326
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v40	0.9159
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v40	0.9192
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v40	0.9366
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v40	0.9072

Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v40	0.9733
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v40	0.897
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v40	0.9422
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v40	0.9491
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v40	0.9633
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v40	0.9633
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v40	0.956
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v40	0.9332
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v40	0.9257
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v40	0.9254
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v40	0.9393
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v40	0.9198
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v40	0.9215
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v40	0.9215
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v40	0.9454
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v40	0.9201
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v40	0.9215
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v40	0.9216
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v40	0.9219
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v40	0.9472
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v40	0.9215
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v40	0.9232
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v40	0.9454
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v40	0.9362
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v40	0.925
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v40	0.9498
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v40	0.9459
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v40	0.9455
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v40	0.9172
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v40	0.9493
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v40	0.9173
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v40	0.917
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v40	0.9494
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v40	0.9381
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v40	0.9362
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v40	0.9443
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v40	0.9494
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v40	0.9384
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v40	0.952
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v40	0.9079
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v40	0.9351
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v40	0.9775
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v40	0.9157
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v40	0.9345
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v40	0.9789
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v40	0.9359
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v40	0.9189
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v40	0.9397
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v40	0.9348
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v40	0.9569
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v40	0.9538
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v40	0.9591
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v40	0.9389
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v40	0.9518
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v40	0.9441
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v40	0.9389
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v40	0.9056
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v40	0.9251
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v40	0.9236
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v40	0.913
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v40	0.9187
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v40	0.9144
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v40	0.9144
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v40	0.9378
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v40	0.9216
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v40	0.9174
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v40	0.9414
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v40	0.918
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v40	0.9197
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v40	0.9793
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v40	0.9421
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v40	0.939
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v40	0.9368
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v40	0.9428
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v40	0.9428
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v40	0.9373
Listeria_monocytogenes_1639_v40	Listeria_monocytogenes_1639_v40	0.9347
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v40	0.0723
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v41	0.8516
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v41	0.851
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v41	0.8542
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v41	0.7983
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v41	0.8173
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v41	0.8514
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v41	0.8563
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v41	0.898
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v41	0.9342
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v41	0.9358
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v41	0.935
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v41	0.9071
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v41	0.9122
	Listeria_monocytogenes_1639_v41	0.9234

Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v41	0.899
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v41	0.9055
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v41	0.9251
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v41	0.9039
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v41	0.9208
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v41	0.9039
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v41	0.9093
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v41	0.9001
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v41	0.9011
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v41	0.9017
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v41	0.9011
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v41	0.9044
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v41	0.9044
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v41	0.9036
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v41	0.9036
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v41	0.9036
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v41	0.9292
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v41	0.9292
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v41	0.9292
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v41	0.9252
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v41	0.9252
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v41	0.9337
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v41	0.9337
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v41	0.9282
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v41	0.9253
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v41	0.9282
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v41	0.9296
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v41	0.9296
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v41	0.9282
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v41	0.9271
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v41	0.9271
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v41	0.9306
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v41	0.9306
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v41	0.9325
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v41	0.9282
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v41	0.9395
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v41	0.9395
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v41	0.922
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v41	0.9282
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v41	0.9325
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v41	0.9325
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v41	0.9325
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v41	0.9282
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v41	0.9279
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v41	0.9305
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v41	0.8817
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v41	0.8909
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v41	0.9282
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v41	0.8915
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v41	0.9093
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v41	0.8993
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v41	0.9065
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v41	0.9275
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v41	0.8912
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v41	0.9242
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v41	0.8777
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v41	0.9156
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v41	0.9261
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v41	0.9264
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v41	0.9268
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v41	0.9357
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v41	0.9074
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v41	0.9024
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v41	0.9024
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v41	0.9324
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v41	0.9058
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v41	0.9076
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v41	0.9339
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v41	0.9033
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v41	0.907
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v41	0.907
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v41	0.9073
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v41	0.9217
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v41	0.9048
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v41	0.909
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v41	0.9339
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v41	0.9216
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v41	0.9084
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v41	0.9312
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v41	0.9362
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v41	0.9355
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v41	0.9016
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v41	0.9318
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v41	0.9035
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v41	0.9032
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v41	0.9294
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v41	0.9216
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v41	0.9216
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v41	0.9274
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v41	0.9302
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v41	0.9175

Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v41	0.9285
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v41	0.8915
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v41	0.9282
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v41	0.9351
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v41	0.9038
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v41	0.9165
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v41	0.9255
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v41	0.9209
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v41	0.9014
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v41	0.9213
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v41	0.9097
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v41	0.9312
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v41	0.9468
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v41	0.9371
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v41	0.9218
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v41	0.9358
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v41	0.9305
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v41	0.9239
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v41	0.8965
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v41	0.9042
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v41	0.9038
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v41	0.8926
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v41	0.8998
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v41	0.9066
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v41	0.8988
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v41	0.9341
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v41	0.9114
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v41	0.9069
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v41	0.9271
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v41	0.9039
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v41	0.8942
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v41	0.9343
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v41	0.9261
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v41	0.9148
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v41	0.9254
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v41	0.9282
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v41	0.9282
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v41	0.9412
Listeria_monocytogenes_1639_v41	Listeria_monocytogenes_1639_v41	0.0773
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v42	0.8577
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v42	0.8574
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v42	0.8634
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v42	0.8108
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v42	0.8215
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v42	0.8601
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v42	0.8602
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v42	0.9135
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v42	0.9353
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v42	0.9403
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v42	0.9365
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v42	0.9116
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v42	0.9227
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v42	0.935
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v42	0.9145
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v42	0.9179
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v42	0.9286
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v42	0.9181
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v42	0.9179
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v42	0.9181
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v42	0.9218
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v42	0.9118
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v42	0.9128
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v42	0.9131
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v42	0.9128
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v42	0.9167
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v42	0.9167
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v42	0.9143
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v42	0.9143
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v42	0.9143
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v42	0.9372
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v42	0.9379
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v42	0.9379
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v42	0.9236
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v42	0.9236
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v42	0.9358
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v42	0.9358
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v42	0.9307
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v42	0.9303
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v42	0.9307
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v42	0.934
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v42	0.9343
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v42	0.9307
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v42	0.9306
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v42	0.9306
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v42	0.941
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v42	0.941
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v42	0.9346
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v42	0.9307
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v42	0.9359
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v42	0.9359
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v42	0.9362

Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v42	0.9307
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v42	0.9346
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v42	0.9346
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v42	0.9346
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v42	0.9307
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v42	0.9307
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v42	0.9296
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v42	0.8929
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v42	0.894
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v42	0.9311
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v42	0.8943
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v42	0.9214
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v42	0.9117
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v42	0.9069
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v42	0.9468
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v42	0.894
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v42	0.9351
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v42	0.8874
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v42	0.9231
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v42	0.9399
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v42	0.9407
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v42	0.9407
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v42	0.9372
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v42	0.9179
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v42	0.9154
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v42	0.915
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v42	0.9306
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v42	0.9069
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v42	0.9117
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v42	0.942
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v42	0.918
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v42	0.9122
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v42	0.9122
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v42	0.9129
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v42	0.9226
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v42	0.9118
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v42	0.912
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v42	0.942
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v42	0.9225
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v42	0.9132
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v42	0.9385
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v42	0.9325
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v42	0.9325
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v42	0.913
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v42	0.9432
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v42	0.9112
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v42	0.9109
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v42	0.9396
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v42	0.9162
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v42	0.9225
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v42	0.9364
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v42	0.9393
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v42	0.9409
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v42	0.9412
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v42	0.8943
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v42	0.9256
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v42	0.9252
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v42	0.9097
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v42	0.9297
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v42	0.9331
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v42	0.9222
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v42	0.9128
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v42	0.9366
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v42	0.9242
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v42	0.9341
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v42	0.9378
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v42	0.9676
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v42	0.9183
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v42	0.9468
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v42	0.9327
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v42	0.9492
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v42	0.8897
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v42	0.9119
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v42	0.9145
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v42	0.907
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v42	0.9185
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v42	0.9059
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v42	0.9121
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v42	0.9727
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v42	0.9122
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v42	0.9091
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v42	0.9292
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v42	0.901
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v42	0.9088
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v42	0.9416
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v42	0.93
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v42	0.94
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v42	0.9224
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v42	0.9307
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v42	0.9307
Listeria_monocytogenes_1639_v42	Listeria_monocytogenes_1639_v42	0.0686

Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v43	0.8644
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v43	0.8638
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v43	0.8702
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v43	0.8108
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v43	0.8321
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v43	0.8676
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v43	0.8653
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v43	0.9164
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v43	0.952
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v43	0.9486
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v43	0.9522
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v43	0.9177
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v43	0.9349
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v43	0.9509
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v43	0.9178
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v43	0.9216
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v43	0.9439
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v43	0.9229
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v43	0.9337
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v43	0.9229
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v43	0.9296
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v43	0.9135
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v43	0.9145
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v43	0.9152
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v43	0.9145
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v43	0.9263
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v43	0.9263
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v43	0.9164
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v43	0.9164
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v43	0.9164
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v43	0.9538
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v43	0.9546
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v43	0.9546
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v43	0.9345
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v43	0.9345
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v43	0.9934
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v43	0.9934
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v43	0.9982
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v43	0.9941
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v43	1
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v43	0.9504
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v43	0.9504
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v43	1
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v43	0.9967
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v43	0.9967
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v43	0.9494
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v43	0.9494
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v43	0.9949
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v43	0.9996
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v43	0.954
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v43	0.954
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v43	0.9896
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v43	1
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v43	0.9949
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v43	0.9949
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v43	0.9949
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v43	1
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v43	0.9996
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v43	0.9677
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v43	0.8937
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v43	0.8993
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v43	0.944
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v43	0.8999
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v43	0.9296
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v43	0.92
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v43	0.9196
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v43	0.9428
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v43	0.8992
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v43	0.9513
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v43	0.8886
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v43	0.9328
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v43	0.9497
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v43	0.9434
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v43	0.9434
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v43	0.9529
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v43	0.9264
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v43	0.9213
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v43	0.9213
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v43	0.9425
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v43	0.9227
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v43	0.9211
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v43	0.9409
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v43	0.9246
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v43	0.9197
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v43	0.9198
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v43	0.9201
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v43	0.9361
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v43	0.9215
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v43	0.9218
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v43	0.9409
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v43	0.9572

Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v43	0.9277
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v43	0.9563
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v43	0.9491
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v43	0.9484
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v43	0.914
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v43	0.9569
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v43	0.9159
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v43	0.9156
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v43	0.9607
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v43	0.9354
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v43	0.9572
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v43	0.9571
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v43	0.9615
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v43	0.9473
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v43	0.9453
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v43	0.8999
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v43	0.9355
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v43	0.942
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v43	0.9169
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v43	0.937
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v43	0.9518
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v43	0.9565
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v43	0.9149
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v43	0.9355
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v43	0.9356
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v43	0.9493
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v43	0.9672
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v43	0.9449
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v43	0.937
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v43	0.9561
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v43	0.9772
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v43	0.9437
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v43	0.8916
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v43	0.9218
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v43	0.917
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v43	0.9175
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v43	0.9229
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v43	0.9149
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v43	0.9168
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v43	0.9326
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v43	0.9235
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v43	0.9145
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v43	0.9985
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v43	0.9022
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v43	0.9124
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v43	0.9504
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v43	0.9952
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v43	0.9393
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v43	0.9895
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v43	1
Listeria_monocytogenes_1639_v43	Listeria_monocytogenes_1639_v43	0.0664
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v44	0.8644
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v44	0.8638
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v44	0.8702
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v44	0.8108
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v44	0.8321
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v44	0.8676
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v44	0.8653
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v44	0.9164
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v44	0.952
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v44	0.9486
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v44	0.9522
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v44	0.9177
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v44	0.9349
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v44	0.9509
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v44	0.9178
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v44	0.9216
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v44	0.9439
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v44	0.9229
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v44	0.9337
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v44	0.9229
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v44	0.9296
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v44	0.9135
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v44	0.9145
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v44	0.9152
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v44	0.9145
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v44	0.9263
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v44	0.9263
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v44	0.9164
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v44	0.9164
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v44	0.9164
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v44	0.9538
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v44	0.9546
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v44	0.9546
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v44	0.9345
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v44	0.9345
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v44	0.9934
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v44	0.9934
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v44	0.9982
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v44	0.9941
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v44	1

Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v44	0.9504
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v44	0.9504
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v44	1
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v44	0.9967
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v44	0.9967
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v44	0.9494
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v44	0.9494
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v44	0.9949
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v44	0.9996
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v44	0.954
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v44	0.954
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v44	0.9896
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v44	1
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v44	0.9949
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v44	0.9949
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v44	0.9949
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v44	1
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v44	0.9996
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v44	0.9677
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v44	0.8937
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v44	0.8993
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v44	0.944
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v44	0.8999
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v44	0.9296
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v44	0.92
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v44	0.9196
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v44	0.9428
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v44	0.8992
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v44	0.9513
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v44	0.8886
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v44	0.9328
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v44	0.9497
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v44	0.9434
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v44	0.9434
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v44	0.9529
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v44	0.9264
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v44	0.9213
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v44	0.9213
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v44	0.9425
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v44	0.9227
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v44	0.9211
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v44	0.9409
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v44	0.9246
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v44	0.9197
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v44	0.9198
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v44	0.9201
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v44	0.9361
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v44	0.9215
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v44	0.9218
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v44	0.9409
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v44	0.9572
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v44	0.9277
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v44	0.9563
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v44	0.9491
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v44	0.9484
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v44	0.914
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v44	0.9569
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v44	0.9159
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v44	0.9156
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v44	0.9607
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v44	0.9354
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v44	0.9572
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v44	0.9571
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v44	0.9615
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v44	0.9473
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v44	0.9453
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v44	0.8999
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v44	0.9355
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v44	0.942
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v44	0.9169
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v44	0.937
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v44	0.9518
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v44	0.9565
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v44	0.9149
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v44	0.9355
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v44	0.9356
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v44	0.9493
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v44	0.9672
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v44	0.9449
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v44	0.937
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v44	0.9561
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v44	0.9772
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v44	0.9437
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v44	0.8916
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v44	0.9218
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v44	0.917
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v44	0.9175
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v44	0.9229
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v44	0.9149
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v44	0.9168
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v44	0.9326

Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v44	0.9235
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v44	0.9145
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v44	0.9985
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v44	0.9022
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v44	0.9124
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v44	0.9504
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v44	0.9952
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v44	0.9393
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v44	0.9895
Listeria_monocytogenes_1639_v44	Listeria_monocytogenes_1639_v44	0.0664
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v45	0.8562
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v45	0.8559
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v45	0.8614
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v45	0.8034
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v45	0.8305
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v45	0.8601
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v45	0.8568
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v45	0.9076
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v45	0.9419
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v45	0.9384
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v45	0.942
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v45	0.9168
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v45	0.9257
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v45	0.9412
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v45	0.9087
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v45	0.9119
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v45	0.942
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v45	0.9133
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v45	0.9247
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v45	0.9133
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v45	0.9199
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v45	0.9052
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v45	0.9063
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v45	0.9066
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v45	0.9063
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v45	0.9171
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v45	0.9171
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v45	0.9077
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v45	0.9077
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v45	0.9077
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v45	0.9441
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v45	0.9444
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v45	0.9444
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v45	0.9254
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v45	0.9254
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v45	0.9841
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v45	0.9841
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v45	0.988
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v45	0.9837
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v45	0.9895
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v45	0.9406
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v45	0.9409
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v45	0.9895
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v45	0.9866
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v45	0.9866
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v45	0.9394
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v45	0.9394
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v45	0.9855
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v45	0.9898
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v45	0.9446
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v45	0.9446
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v45	0.9795
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v45	0.9895
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v45	0.9855
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v45	0.9855
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v45	0.9855
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v45	0.9895
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v45	0.9895
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v45	0.9753
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v45	0.8848
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v45	0.8912
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v45	0.9343
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v45	0.8915
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v45	0.9199
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v45	0.9106
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v45	0.9113
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v45	0.9332
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v45	0.8909
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v45	0.9416
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v45	0.8805
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v45	0.9235
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v45	0.9398
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v45	0.9337
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v45	0.934
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v45	0.9427
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v45	0.9172
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v45	0.9125
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v45	0.9121
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v45	0.9456
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v45	0.9138
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v45	0.9183

Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v45	0.9313
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v45	0.9155
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v45	0.9169
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v45	0.917
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v45	0.9176
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v45	0.94
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v45	0.9191
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v45	0.9124
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v45	0.9313
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v45	0.9659
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v45	0.9188
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v45	0.9462
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v45	0.9391
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v45	0.9387
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v45	0.9053
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v45	0.9471
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v45	0.9076
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v45	0.9073
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v45	0.9505
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v45	0.9258
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v45	0.9659
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v45	0.9473
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v45	0.9513
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v45	0.9382
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v45	0.9356
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v45	0.8915
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v45	0.9336
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v45	0.9412
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v45	0.9079
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v45	0.9344
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v45	0.9432
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v45	0.9656
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v45	0.9063
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v45	0.9267
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v45	0.926
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v45	0.9396
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v45	0.9574
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v45	0.936
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v45	0.9344
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v45	0.946
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v45	0.9668
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v45	0.934
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v45	0.8955
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v45	0.9127
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v45	0.9083
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v45	0.9082
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v45	0.9142
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v45	0.9125
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v45	0.9081
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v45	0.9241
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v45	0.9144
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v45	0.9103
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v45	0.9884
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v45	0.9011
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v45	0.9034
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v45	0.9408
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v45	0.9848
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v45	0.9304
Listeria_monocytogenes_1639_v45	Listeria_monocytogenes_1639_v45	0.069
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v46	0.8757
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v46	0.875
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v46	0.8844
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v46	0.8219
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v46	0.84
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v46	0.8809
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v46	0.8798
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v46	0.9356
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v46	0.9441
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v46	0.9523
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v46	0.948
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v46	0.9323
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v46	0.9321
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v46	0.9478
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v46	0.937
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v46	0.9317
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v46	0.9412
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v46	0.9328
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v46	0.9255
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v46	0.9328
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v46	0.9392
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v46	0.9291
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v46	0.9302
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v46	0.9309
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v46	0.9302
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v46	0.9355
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v46	0.9355
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v46	0.9309
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v46	0.9309
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v46	0.9309
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v46	0.9486
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v46	0.9499

Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v46	0.9497
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v46	0.925
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v46	0.925
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v46	0.9342
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v46	0.9342
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v46	0.9389
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v46	0.9381
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v46	0.9393
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v46	0.9492
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v46	0.9492
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v46	0.9393
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v46	0.9396
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v46	0.9396
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v46	0.9562
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v46	0.9562
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v46	0.9348
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v46	0.9393
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v46	0.9439
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v46	0.9439
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v46	0.9476
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v46	0.9393
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v46	0.9348
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v46	0.9348
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v46	0.9348
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v46	0.9393
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v46	0.9389
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v46	0.939
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v46	0.9033
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v46	0.9028
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v46	0.9431
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v46	0.9035
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v46	0.9392
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v46	0.926
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v46	0.9248
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v46	0.971
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v46	0.9031
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v46	0.9464
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v46	0.8997
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v46	0.9352
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v46	0.9592
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v46	0.9511
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v46	0.9515
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v46	0.9483
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v46	0.9352
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v46	0.9414
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v46	0.9414
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v46	0.9442
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v46	0.9173
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v46	0.9279
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v46	0.9508
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v46	0.9344
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v46	0.9264
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v46	0.9265
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v46	0.9268
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v46	0.9374
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v46	0.9275
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v46	0.9181
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v46	0.9508
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v46	0.9294
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v46	0.9345
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v46	0.9473
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v46	0.939
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v46	0.9386
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v46	0.9285
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v46	0.9532
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v46	0.9342
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v46	0.9335
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v46	0.9529
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v46	0.9296
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v46	0.9294
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v46	0.9504
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v46	0.9518
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v46	0.9531
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v46	0.9433
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v46	0.9035
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v46	0.9364
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v46	0.936
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v46	0.9323
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v46	0.9402
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v46	0.9451
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v46	0.9287
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v46	0.9305
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v46	0.985
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v46	0.9357
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v46	0.9492
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v46	0.9358
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v46	0.9444
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v46	0.9302
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v46	0.9468
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v46	0.9417
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v46	0.9716

Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v46	0.8931
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v46	0.9323
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v46	0.9331
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v46	0.9223
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v46	0.9398
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v46	0.9215
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v46	0.9232
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v46	0.9465
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v46	0.9214
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v46	0.9293
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v46	0.9382
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v46	0.9054
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v46	0.9272
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v46	0.9441
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v46	0.9389
Listeria_monocytogenes_1639_v46	Listeria_monocytogenes_1639_v46	0.0691
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v47	0.8633
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v47	0.8627
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v47	0.8699
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v47	0.8105
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v47	0.8307
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v47	0.8673
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v47	0.8646
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v47	0.916
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v47	0.9524
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v47	0.9482
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v47	0.9526
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v47	0.9178
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v47	0.9338
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v47	0.9509
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v47	0.9174
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v47	0.9213
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v47	0.944
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v47	0.9225
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v47	0.933
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v47	0.9225
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v47	0.9292
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v47	0.9143
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v47	0.9153
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v47	0.916
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v47	0.9153
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v47	0.926
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v47	0.926
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v47	0.9168
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v47	0.9168
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v47	0.9168
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v47	0.9516
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v47	0.9527
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v47	0.9527
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v47	0.932
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v47	0.932
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v47	0.9887
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v47	0.9887
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v47	0.9941
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v47	0.9952
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v47	0.9952
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v47	0.95
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v47	0.95
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v47	0.9952
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v47	0.9952
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v47	0.9952
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v47	0.949
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v47	0.949
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v47	0.9901
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v47	0.9949
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v47	0.9529
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v47	0.9529
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v47	0.9893
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v47	0.9952
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v47	0.9901
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v47	0.9901
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v47	0.9901
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v47	0.9952
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v47	0.9949
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v47	0.9663
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v47	0.8934
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v47	0.8982
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v47	0.944
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v47	0.8989
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v47	0.9292
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v47	0.9197
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v47	0.9178
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v47	0.9436
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v47	0.8985
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v47	0.9491
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v47	0.8883
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v47	0.9321
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v47	0.9494
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v47	0.9434
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v47	0.9434
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v47	0.9533

Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v47	0.9261
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v47	0.9209
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v47	0.9209
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v47	0.9415
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v47	0.9213
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v47	0.9208
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v47	0.9413
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v47	0.9254
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v47	0.9194
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v47	0.9194
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v47	0.9198
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v47	0.9343
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v47	0.9216
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v47	0.9222
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v47	0.9413
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v47	0.9565
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v47	0.9277
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v47	0.9571
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v47	0.951
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v47	0.9502
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v47	0.914
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v47	0.957
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v47	0.9167
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v47	0.9164
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v47	0.9608
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v47	0.9343
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v47	0.9565
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v47	0.9549
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v47	0.9608
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v47	0.9473
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v47	0.9467
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v47	0.8989
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v47	0.9348
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v47	0.941
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v47	0.9169
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v47	0.936
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v47	0.9522
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v47	0.9558
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v47	0.9156
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v47	0.9356
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v47	0.9356
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v47	0.9501
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v47	0.9665
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v47	0.9468
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v47	0.9356
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v47	0.9543
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v47	0.9757
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v47	0.9444
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v47	0.8916
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v47	0.9211
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v47	0.917
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v47	0.9175
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v47	0.9237
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v47	0.9149
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v47	0.9161
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v47	0.9315
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v47	0.9236
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v47	0.9145
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v47	0.9938
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v47	0.9023
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v47	0.9116
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v47	0.9475
Listeria_monocytogenes_1639_v47	Listeria_monocytogenes_1639_v47	0.0675
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v48	0.8651
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v48	0.8648
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v48	0.8716
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v48	0.8127
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v48	0.8365
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v48	0.874
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v48	0.8656
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v48	0.9201
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v48	0.9505
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v48	0.9433
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v48	0.9514
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v48	0.9177
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v48	0.9386
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v48	0.9793
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v48	0.9211
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v48	0.9265
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v48	0.9718
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v48	0.9255
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v48	0.931
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v48	0.9255
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v48	0.928
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v48	0.9168
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v48	0.9178
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v48	0.9181
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v48	0.9178
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v48	0.9252
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v48	0.9252
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v48	0.9204

Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v48	0.9204
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v48	0.9204
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v48	0.9915
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v48	0.9915
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v48	0.9915
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v48	0.9466
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v48	0.9466
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v48	0.9537
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v48	0.9537
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v48	0.9497
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v48	0.9479
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v48	0.9504
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v48	0.9534
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v48	0.9537
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v48	0.9504
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v48	0.9486
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v48	0.9486
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v48	0.9505
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v48	0.9505
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v48	0.9543
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v48	0.9504
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v48	0.9499
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v48	0.9499
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v48	0.944
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v48	0.9504
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v48	0.9543
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v48	0.9543
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v48	0.9543
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v48	0.9504
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v48	0.9504
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v48	0.9512
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v48	0.9012
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v48	0.9036
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v48	0.976
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v48	0.9039
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v48	0.928
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v48	0.9218
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v48	0.9206
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v48	0.9413
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v48	0.9032
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v48	0.9827
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v48	0.8923
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v48	0.9395
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v48	0.9444
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v48	0.9638
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v48	0.9638
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v48	0.9521
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v48	0.9286
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v48	0.9212
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v48	0.9209
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v48	0.9447
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v48	0.9299
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v48	0.9226
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v48	0.9535
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v48	0.9242
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v48	0.923
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v48	0.923
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v48	0.9234
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v48	0.9405
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v48	0.9223
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v48	0.9243
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v48	0.9535
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v48	0.938
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v48	0.9254
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v48	0.9548
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v48	0.9498
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v48	0.9494
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v48	0.918
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v48	0.9558
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v48	0.9166
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v48	0.9163
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v48	0.9552
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v48	0.938
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v48	0.938
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v48	0.9523
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v48	0.9567
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v48	0.9431
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v48	0.9581
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v48	0.9039
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v48	0.9354
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v48	0.9732
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v48	0.9158
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v48	0.9374
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v48	0.9794
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v48	0.9376
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v48	0.9178
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v48	0.94
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v48	0.9403
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v48	0.9523
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v48	0.9569
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v48	0.9541

Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v48	0.941
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v48	0.9583
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v48	0.9499
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v48	0.944
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v48	0.9018
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v48	0.9206
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v48	0.9228
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v48	0.9186
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v48	0.9225
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v48	0.917
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v48	0.9175
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v48	0.9344
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v48	0.9205
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v48	0.9126
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v48	0.949
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v48	0.9144
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v48	0.9153
Listeria_monocytogenes_1639_v48	Listeria_monocytogenes_1639_v48	0.0716
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v49	0.8812
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v49	0.8805
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v49	0.8734
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v49	0.8178
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v49	0.824
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v49	0.8845
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v49	0.8736
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v49	0.9827
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v49	0.9209
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v49	0.9274
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v49	0.9247
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v49	0.9384
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v49	0.9453
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v49	0.9207
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v49	0.9842
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v49	0.9294
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v49	0.9136
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v49	0.9807
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v49	0.9001
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v49	0.9807
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v49	0.962
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v49	0.9743
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v49	0.9754
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v49	0.9765
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v49	0.9758
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v49	0.9621
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v49	0.9621
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v49	0.9761
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v49	0.9761
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v49	0.9761
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v49	0.9196
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v49	0.9207
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v49	0.9207
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v49	0.9333
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v49	0.9333
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v49	0.9074
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v49	0.9074
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v49	0.912
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v49	0.9108
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v49	0.9124
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v49	0.9289
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v49	0.9289
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v49	0.9124
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v49	0.9123
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v49	0.9123
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v49	0.9326
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v49	0.9326
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v49	0.9084
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v49	0.9124
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v49	0.9171
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v49	0.9171
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v49	0.9182
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v49	0.9124
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v49	0.9084
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v49	0.9084
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v49	0.9084
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v49	0.9124
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v49	0.912
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v49	0.9106
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v49	0.882
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v49	0.914
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v49	0.9194
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v49	0.9147
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v49	0.9624
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v49	0.9398
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v49	0.956
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v49	0.9156
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v49	0.914
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v49	0.9193
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v49	0.9104
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v49	0.9462
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v49	0.9322
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v49	0.9291

Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v49	0.9294
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v49	0.9254
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v49	0.9607
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v49	0.9694
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v49	0.9694
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v49	0.9036
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v49	0.9178
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v49	0.9413
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v49	0.9137
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v49	0.9543
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v49	0.9403
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v49	0.9403
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v49	0.9403
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v49	0.9153
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v49	0.9417
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v49	0.9699
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v49	0.9137
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v49	0.9046
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v49	0.9515
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v49	0.9187
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v49	0.9138
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v49	0.913
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v49	0.9736
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v49	0.9229
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v49	0.96
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v49	0.9593
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v49	0.9175
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v49	0.9371
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v49	0.9046
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v49	0.9155
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v49	0.9168
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v49	0.9225
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v49	0.9137
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v49	0.9147
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v49	0.9082
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v49	0.9146
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v49	0.9589
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v49	0.9019
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v49	0.9173
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v49	0.904
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v49	0.9758
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v49	0.9279
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v49	0.9377
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v49	0.9253
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v49	0.9147
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v49	0.9214
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v49	0.9351
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v49	0.913
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v49	0.918
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v49	0.9178
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v49	0.8993
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v49	0.9656
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v49	0.9679
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v49	0.9375
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v49	0.9608
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v49	0.9352
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v49	0.9135
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v49	0.9216
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v49	0.9523
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v49	0.9551
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v49	0.9116
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v49	0.912
Listeria_monocytogenes_1639_v49	Listeria_monocytogenes_1639_v49	0.0682
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v4	0.8437
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v4	0.8433
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v4	0.8554
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v4	0.7952
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v4	0.8092
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v4	0.8582
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v4	0.8735
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v4	0.9174
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v4	0.9046
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v4	0.9177
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v4	0.9086
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v4	0.9438
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v4	0.9224
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v4	0.9081
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v4	0.9184
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v4	0.905
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v4	0.9153
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v4	0.9234
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v4	0.8978
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v4	0.9234
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v4	0.924
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v4	0.921
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v4	0.9221
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v4	0.9213
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v4	0.9224
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v4	0.9201
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v4	0.9201
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v4	0.9228

Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v4	0.9228
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v4	0.9228
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v4	0.9095
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v4	0.9103
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v4	0.9103
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v4	0.9517
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v4	0.9517
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v4	0.9064
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v4	0.9064
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v4	0.9022
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v4	0.9004
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v4	0.9022
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v4	0.9098
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v4	0.9101
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v4	0.9022
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v4	0.9025
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v4	0.9025
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v4	0.9138
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v4	0.9138
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v4	0.9066
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v4	0.9026
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v4	0.9136
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v4	0.9136
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v4	0.9081
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v4	0.9022
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v4	0.9066
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v4	0.9066
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v4	0.9066
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v4	0.9022
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v4	0.9022
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v4	0.9073
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v4	0.8725
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v4	0.8866
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v4	0.914
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v4	0.8869
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v4	0.9244
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v4	0.9148
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v4	0.9169
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v4	0.914
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v4	0.8862
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v4	0.9075
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v4	0.8763
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v4	0.9243
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v4	0.9149
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v4	0.9197
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v4	0.9201
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v4	0.9093
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v4	0.9257
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v4	0.9203
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v4	0.92
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v4	0.9084
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v4	0.9349
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v4	0.9239
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v4	0.9212
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v4	0.9174
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v4	0.9235
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v4	0.9232
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v4	0.9235
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v4	0.9083
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v4	0.9239
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v4	0.919
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v4	0.9212
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v4	0.9169
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v4	0.928
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v4	0.9083
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v4	0.909
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v4	0.909
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v4	0.9222
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v4	0.9077
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v4	0.9245
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v4	0.9242
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v4	0.9061
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v4	0.9487
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v4	0.9169
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v4	0.9048
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v4	0.9061
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v4	0.9039
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v4	0.9111
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v4	0.8869
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v4	0.9093
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v4	0.9184
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v4	0.9194
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v4	0.8967
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v4	0.9088
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v4	0.9165
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v4	0.9221
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v4	0.9122
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v4	0.9242
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v4	0.9066
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v4	0.9182
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v4	0.908

Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v4	0.9408
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v4	0.9126
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v4	0.9066
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v4	0.9089
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v4	0.984
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v4	0.9147
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v4	0.9245
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v4	0.9335
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v4	0.9176
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v4	0.923
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v4	0.8914
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v4	0.902
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v4	0.9215
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v4	0.9271
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v4	0.9012
Listeria_monocytogenes_1639_v4	Listeria_monocytogenes_1639_v4	0.0715
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v50	0.8633
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v50	0.8626
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v50	0.8694
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v50	0.8104
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v50	0.8313
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v50	0.8665
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v50	0.8642
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v50	0.9156
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v50	0.9505
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v50	0.9471
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v50	0.9507
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v50	0.9166
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v50	0.9342
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v50	0.9494
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v50	0.917
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v50	0.9205
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v50	0.9425
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v50	0.9221
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v50	0.9326
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v50	0.9221
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v50	0.9288
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v50	0.9128
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v50	0.9138
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v50	0.9145
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v50	0.9138
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v50	0.9256
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v50	0.9256
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v50	0.9156
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v50	0.9156
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v50	0.9156
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v50	0.9523
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v50	0.9531
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v50	0.9531
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v50	0.9338
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v50	0.9338
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v50	0.9923
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v50	0.9923
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v50	0.9967
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v50	0.9927
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v50	0.9985
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v50	0.9489
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v50	0.9489
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v50	0.9985
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v50	0.9952
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v50	0.9952
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v50	0.9479
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v50	0.9479
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v50	0.9938
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v50	0.9985
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v50	0.9529
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v50	0.9529
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v50	0.9881
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v50	0.9985
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v50	0.9938
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v50	0.9938
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v50	0.9938
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v50	0.9985
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v50	0.9982
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v50	0.9663
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v50	0.8923
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v50	0.8985
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v50	0.9425
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v50	0.8992
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v50	0.9288
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v50	0.9193
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v50	0.9189
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v50	0.9414
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v50	0.8985
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v50	0.9498
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v50	0.8871
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v50	0.932
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v50	0.9482
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v50	0.9419
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v50	0.9423
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v50	0.9514

Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v50	0.9257
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v50	0.9205
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v50	0.9205
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v50	0.9411
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v50	0.9224
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v50	0.9204
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v50	0.9394
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v50	0.9239
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v50	0.919
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v50	0.919
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v50	0.9194
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v50	0.9347
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v50	0.9208
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v50	0.921
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v50	0.9394
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v50	0.9558
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v50	0.9269
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v50	0.9548
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v50	0.948
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v50	0.9469
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v50	0.9132
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v50	0.9555
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v50	0.9152
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v50	0.9148
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v50	0.9593
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v50	0.935
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v50	0.9558
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v50	0.9557
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v50	0.96
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v50	0.9458
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v50	0.9438
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v50	0.8992
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v50	0.9344
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v50	0.9406
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v50	0.9162
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v50	0.9359
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v50	0.9503
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v50	0.9551
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v50	0.9141
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v50	0.9344
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v50	0.9348
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v50	0.9478
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v50	0.9661
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v50	0.9434
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v50	0.9363
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v50	0.9546
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v50	0.9757
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v50	0.9422
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v50	0.8905
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v50	0.921
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v50	0.9162
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v50	0.9168
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v50	0.9222
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v50	0.9141
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v50	0.9157
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v50	0.9311
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v50	0.9228
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v50	0.9134
Listeria_monocytogenes_1639_v50	Listeria_monocytogenes_1639_v50	0.0664
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v51	0.8793
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v51	0.8786
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v51	0.8734
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v51	0.8208
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v51	0.8234
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v51	0.8814
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v51	0.8789
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v51	0.964
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v51	0.9197
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v51	0.9344
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v51	0.9242
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v51	0.9371
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v51	0.935
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v51	0.9165
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v51	0.9655
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v51	0.9259
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v51	0.9172
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v51	0.9603
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v51	0.9118
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v51	0.9603
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v51	0.9557
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v51	0.9688
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v51	0.9699
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v51	0.9695
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v51	0.9699
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v51	0.9619
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v51	0.9619
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v51	0.9699
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v51	0.9699
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v51	0.9699
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v51	0.9161
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v51	0.9169

Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v51	0.9169
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v51	0.9405
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v51	0.9405
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v51	0.9099
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v51	0.9099
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v51	0.9141
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v51	0.9133
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v51	0.9145
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v51	0.9251
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v51	0.9251
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v51	0.9145
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v51	0.9148
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v51	0.9148
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v51	0.9302
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v51	0.9302
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v51	0.9105
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v51	0.9145
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v51	0.9274
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v51	0.9274
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v51	0.9229
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v51	0.9145
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v51	0.9105
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v51	0.9105
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v51	0.9105
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v51	0.9145
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v51	0.9141
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v51	0.9142
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v51	0.8846
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v51	0.9084
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v51	0.9222
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v51	0.9091
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v51	0.9561
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v51	0.9426
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v51	0.979
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v51	0.9292
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v51	0.9084
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v51	0.9152
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v51	0.908
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v51	0.9415
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v51	0.9317
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v51	0.9334
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v51	0.9338
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v51	0.9249
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v51	0.9555
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v51	0.9823
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v51	0.9823
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v51	0.9178
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v51	0.9253
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v51	0.9489
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v51	0.9254
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v51	0.9556
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v51	0.9479
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v51	0.9479
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v51	0.9479
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v51	0.9156
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v51	0.9493
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v51	0.957
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v51	0.9254
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v51	0.9086
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v51	0.9637
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v51	0.92
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v51	0.9237
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v51	0.9233
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v51	0.9718
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v51	0.9254
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v51	0.9855
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v51	0.9848
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v51	0.92
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v51	0.943
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v51	0.9086
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v51	0.918
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v51	0.9197
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v51	0.9235
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v51	0.9151
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v51	0.9091
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v51	0.9219
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v51	0.9241
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v51	0.9832
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v51	0.9051
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v51	0.9172
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v51	0.9079
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v51	0.9703
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v51	0.9386
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v51	0.939
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v51	0.9199
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v51	0.9246
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v51	0.9149
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v51	0.9379
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v51	0.9174
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v51	0.9183
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v51	0.9237

Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v51	0.9142
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v51	0.9765
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v51	0.9769
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v51	0.94
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v51	0.9803
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v51	0.9494
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v51	0.9168
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v51	0.9174
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v51	0.9737
Listeria_monocytogenes_1639_v51	Listeria_monocytogenes_1639_v51	0.0696
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v52	0.8809
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v52	0.8806
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v52	0.8758
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v52	0.8223
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v52	0.8267
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v52	0.88
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v52	0.8786
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v52	0.9564
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v52	0.93
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v52	0.9362
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v52	0.9334
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v52	0.9329
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v52	0.9438
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v52	0.9238
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v52	0.9575
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v52	0.928
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v52	0.917
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v52	0.9629
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v52	0.9188
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v52	0.9629
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v52	0.9587
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v52	0.9631
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v52	0.9642
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v52	0.9635
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v52	0.9642
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v52	0.9648
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v52	0.9648
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v52	0.9639
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v52	0.9639
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v52	0.9639
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v52	0.9245
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v52	0.9245
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v52	0.9245
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v52	0.9489
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v52	0.9489
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v52	0.9185
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v52	0.9185
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v52	0.9235
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v52	0.9231
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v52	0.9235
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v52	0.935
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v52	0.9354
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v52	0.9235
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v52	0.9235
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v52	0.9235
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v52	0.9326
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v52	0.9326
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v52	0.9195
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v52	0.9239
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v52	0.9384
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v52	0.9384
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v52	0.925
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v52	0.9235
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v52	0.9195
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v52	0.9195
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v52	0.9195
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v52	0.9235
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v52	0.9235
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v52	0.9184
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v52	0.8872
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v52	0.9174
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v52	0.9276
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v52	0.9177
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v52	0.959
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v52	0.9462
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v52	0.9863
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v52	0.9306
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v52	0.917
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v52	0.9242
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v52	0.9089
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v52	0.9534
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v52	0.9341
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v52	0.9347
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v52	0.9351
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v52	0.9342
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v52	0.9584
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v52	0.9751
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v52	0.9747
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v52	0.9227
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v52	0.9343
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v52	0.9466

Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v52	0.9279
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v52	0.9592
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v52	0.9459
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v52	0.9459
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v52	0.9462
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v52	0.9216
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v52	0.9481
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v52	0.9762
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v52	0.9279
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v52	0.9131
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v52	0.9681
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v52	0.9262
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v52	0.9354
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v52	0.935
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v52	0.9647
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v52	0.9327
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v52	0.9784
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v52	0.9776
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v52	0.9295
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v52	0.9518
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v52	0.9131
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v52	0.9259
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v52	0.93
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v52	0.9214
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v52	0.9249
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v52	0.9177
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v52	0.9202
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v52	0.925
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v52	0.9795
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v52	0.9141
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v52	0.9219
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v52	0.9128
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v52	0.9642
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v52	0.9291
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v52	0.9452
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v52	0.9295
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v52	0.9318
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v52	0.9229
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v52	0.9414
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v52	0.9269
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v52	0.927
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v52	0.9273
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v52	0.9087
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v52	0.9843
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v52	0.9709
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v52	0.9417
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v52	0.9731
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v52	0.9459
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v52	0.9196
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v52	0.9183
Listeria_monocytogenes_1639_v52	Listeria_monocytogenes_1639_v52	0.0722
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v53	0.8669
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v53	0.8665
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v53	0.8765
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v53	0.8108
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v53	0.8255
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v53	0.877
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v53	0.8681
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v53	0.9284
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v53	0.9422
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v53	0.9523
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v53	0.9449
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v53	0.9259
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v53	0.9388
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v53	0.9392
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v53	0.9294
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v53	0.9327
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v53	0.9323
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v53	0.9331
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v53	0.9216
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v53	0.9331
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v53	0.9353
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v53	0.9208
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v53	0.9219
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v53	0.9222
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v53	0.9219
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v53	0.932
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v53	0.932
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v53	0.9219
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v53	0.9219
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v53	0.9219
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v53	0.9396
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v53	0.9399
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v53	0.9399
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v53	0.9212
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v53	0.9212
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v53	0.9271
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v53	0.9271
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v53	0.9326
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v53	0.9307
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v53	0.9326

Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v53	0.9435
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v53	0.9439
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v53	0.9326
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v53	0.9321
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v53	0.9321
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v53	0.9546
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v53	0.9546
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v53	0.9281
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v53	0.9326
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v53	0.939
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v53	0.939
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v53	0.9393
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v53	0.9326
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v53	0.9281
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v53	0.9281
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v53	0.9281
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v53	0.9326
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v53	0.9326
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v53	0.9334
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v53	0.9029
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v53	0.8983
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v53	0.9374
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v53	0.8986
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v53	0.9353
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v53	0.9148
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v53	0.9151
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v53	0.9467
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v53	0.8983
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v53	0.9382
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v53	0.9015
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v53	0.9336
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v53	0.9569
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v53	0.9462
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v53	0.9462
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v53	0.9457
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v53	0.9336
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v53	0.9307
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v53	0.9303
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v53	0.9288
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v53	0.9092
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v53	0.9163
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v53	0.934
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v53	0.9239
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v53	0.9152
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v53	0.9153
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v53	0.916
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v53	0.934
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v53	0.9163
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v53	0.9184
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v53	0.934
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v53	0.9206
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v53	0.9258
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v53	0.9391
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v53	0.9345
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v53	0.9345
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v53	0.9202
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v53	0.94
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v53	0.9214
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v53	0.9207
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v53	0.9435
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v53	0.9247
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v53	0.9206
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v53	0.9414
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v53	0.9428
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v53	0.9445
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v53	0.9284
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v53	0.8986
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v53	0.9363
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v53	0.9329
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v53	0.9199
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v53	0.9298
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v53	0.935
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v53	0.9202
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v53	0.9219
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v53	0.948
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v53	0.9263
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v53	0.9447
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v53	0.9342
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v53	0.9664
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v53	0.9212
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v53	0.9378
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v53	0.9338
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v53	0.9491
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v53	0.8906
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v53	0.9229
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v53	0.9232
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v53	0.9123
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v53	0.9221
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v53	0.9089
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v53	0.9163
Listeria_monocytogenes_1639_v53	Listeria_monocytogenes_1639_v53	0.073

Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v54	0.8747
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v54	0.8744
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v54	0.8768
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v54	0.8299
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v54	0.8341
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v54	0.8868
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v54	0.8774
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v54	0.9218
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v54	0.9183
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v54	0.9305
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v54	0.9225
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v54	0.9148
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v54	0.916
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v54	0.9207
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v54	0.9228
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v54	0.9253
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v54	0.9146
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v54	0.9284
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v54	0.903
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v54	0.9284
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v54	0.9268
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v54	0.9184
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v54	0.9195
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v54	0.9198
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v54	0.9195
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v54	0.93
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v54	0.93
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v54	0.9206
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v54	0.9206
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v54	0.9206
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v54	0.9207
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v54	0.9215
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v54	0.9215
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v54	0.9117
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v54	0.9117
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v54	0.9114
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v54	0.9114
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v54	0.9168
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v54	0.9153
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v54	0.9168
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v54	0.9192
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v54	0.9195
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v54	0.9168
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v54	0.9171
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v54	0.9171
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v54	0.9319
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v54	0.9319
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v54	0.9127
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v54	0.9172
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v54	0.9212
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v54	0.9212
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v54	0.9261
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v54	0.9168
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v54	0.9127
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v54	0.9127
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v54	0.9127
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v54	0.9168
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v54	0.9168
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v54	0.9139
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v54	0.8832
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v54	0.8934
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v54	0.916
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v54	0.8938
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v54	0.9268
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v54	0.9224
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v54	0.9141
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v54	0.9254
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v54	0.8934
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v54	0.9189
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v54	0.911
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v54	0.9217
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v54	0.9312
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v54	0.9254
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v54	0.9257
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v54	0.9232
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v54	0.929
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v54	0.9264
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v54	0.926
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v54	0.9087
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v54	0.9052
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v54	0.9224
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v54	0.9208
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v54	0.9263
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v54	0.9229
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v54	0.9229
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v54	0.9236
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v54	0.9059
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v54	0.9225
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v54	0.9171
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v54	0.9208
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v54	0.9038

Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v54	0.9237
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v54	0.9232
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v54	0.916
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v54	0.916
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v54	0.9181
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v54	0.9234
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v54	0.9208
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v54	0.9202
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v54	0.9224
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v54	0.9154
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v54	0.9038
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v54	0.9211
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v54	0.9221
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v54	0.924
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v54	0.9133
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v54	0.8938
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v54	0.9145
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v54	0.9116
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v54	0.9204
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v54	0.9088
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v54	0.9192
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v54	0.9035
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v54	0.9195
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v54	0.919
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v54	0.9224
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v54	0.917
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v54	0.9143
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v54	0.9135
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v54	0.9157
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v54	0.9198
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v54	0.9191
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v54	0.9265
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v54	0.879
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v54	0.9186
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v54	0.9235
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v54	0.9157
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v54	0.9295
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v54	0.9157
Listeria_monocytogenes_1639_v54	Listeria_monocytogenes_1639_v54	0.0683
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v55	0.8616
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v55	0.861
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v55	0.867
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v55	0.8221
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v55	0.828
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v55	0.875
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v55	0.8788
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v55	0.9413
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v55	0.916
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v55	0.9272
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v55	0.9193
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v55	0.9332
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v55	0.927
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v55	0.9191
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v55	0.9427
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v55	0.9209
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v55	0.9208
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v55	0.9479
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v55	0.907
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v55	0.9479
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v55	0.9498
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v55	0.9474
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v55	0.9484
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v55	0.9484
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v55	0.9488
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v55	0.9469
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v55	0.9469
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v55	0.9499
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v55	0.9499
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v55	0.9499
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v55	0.9206
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v55	0.9209
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v55	0.9209
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v55	0.9367
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v55	0.9367
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v55	0.9107
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v55	0.9107
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v55	0.9145
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v55	0.9145
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v55	0.9149
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v55	0.9194
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v55	0.919
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v55	0.9149
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v55	0.9152
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v55	0.9152
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v55	0.9252
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v55	0.9252
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v55	0.9113
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v55	0.9149
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v55	0.9225
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v55	0.9225
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v55	0.9225

Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v55	0.9149
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v55	0.9113
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v55	0.9113
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v55	0.9113
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v55	0.9149
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v55	0.9145
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v55	0.9182
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v55	0.8795
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v55	0.9044
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v55	0.9214
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v55	0.9051
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v55	0.9501
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v55	0.9717
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v55	0.9415
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v55	0.9288
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v55	0.9044
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v55	0.917
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v55	0.8955
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v55	0.9327
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v55	0.9259
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v55	0.9277
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v55	0.9281
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v55	0.92
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v55	0.9548
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v55	0.9437
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v55	0.9436
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v55	0.92
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v55	0.9252
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v55	0.9916
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v55	0.9283
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v55	0.9545
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v55	0.989
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v55	0.989
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v55	0.989
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v55	0.9094
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v55	0.9905
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v55	0.946
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v55	0.9283
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v55	0.9105
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v55	0.9599
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v55	0.9226
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v55	0.9192
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v55	0.9185
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v55	0.9471
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v55	0.9257
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v55	0.9487
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v55	0.948
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v55	0.9218
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v55	0.9379
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v55	0.9105
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v55	0.9202
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v55	0.9211
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v55	0.9205
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v55	0.9155
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v55	0.9051
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v55	0.9178
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v55	0.924
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v55	0.9461
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v55	0.9096
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v55	0.9209
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v55	0.9098
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v55	0.9488
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v55	0.9225
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v55	0.9333
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v55	0.9147
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v55	0.9209
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v55	0.908
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v55	0.9406
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v55	0.9196
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v55	0.919
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v55	0.9244
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v55	0.9121
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v55	0.938
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v55	0.9476
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v55	0.9642
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v55	0.9491
Listeria_monocytogenes_1639_v55	Listeria_monocytogenes_1639_v55	0.0789
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v56	0.8839
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v56	0.8836
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v56	0.8796
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v56	0.8303
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v56	0.8318
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v56	0.8849
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v56	0.8778
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v56	0.9698
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v56	0.9249
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v56	0.9333
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v56	0.9291
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v56	0.9345
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v56	0.9391
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v56	0.9257

Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v56	0.9709
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v56	0.9312
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v56	0.9185
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v56	0.9662
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v56	0.9086
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v56	0.9662
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v56	0.9616
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v56	0.9694
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v56	0.9705
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v56	0.9697
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v56	0.9705
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v56	0.9681
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v56	0.9681
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v56	0.9682
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v56	0.9682
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v56	0.9682
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v56	0.9261
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v56	0.9269
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v56	0.9269
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v56	0.9383
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v56	0.9383
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v56	0.9179
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v56	0.9179
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v56	0.9229
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v56	0.9218
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v56	0.9229
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v56	0.9299
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v56	0.9303
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v56	0.9229
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v56	0.9236
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v56	0.9236
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v56	0.9359
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v56	0.9359
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v56	0.9188
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v56	0.9233
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v56	0.9277
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v56	0.9277
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v56	0.9315
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v56	0.9229
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v56	0.9188
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v56	0.9188
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v56	0.9188
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v56	0.9229
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v56	0.9229
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v56	0.9207
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v56	0.8865
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v56	0.9034
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v56	0.921
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v56	0.9037
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v56	0.9619
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v56	0.9553
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v56	0.9763
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v56	0.9318
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v56	0.903
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v56	0.924
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v56	0.912
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v56	0.9468
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v56	0.9374
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v56	0.9315
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v56	0.9319
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v56	0.9298
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v56	0.9621
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v56	0.9886
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v56	0.9883
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v56	0.9184
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v56	0.9282
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v56	0.955
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v56	0.928
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v56	0.9681
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v56	0.9546
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v56	0.9546
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v56	0.955
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v56	0.9165
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v56	0.9561
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v56	0.9568
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v56	0.928
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v56	0.915
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v56	0.9638
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v56	0.9278
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v56	0.9229
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v56	0.9225
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v56	0.9679
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v56	0.9336
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v56	0.9858
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v56	0.985
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v56	0.9297
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v56	0.9419
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v56	0.915
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v56	0.9283
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v56	0.9305
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v56	0.9328

Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v56	0.9246
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v56	0.9037
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v56	0.918
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v56	0.9159
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v56	0.9839
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v56	0.9142
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v56	0.9257
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v56	0.9147
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v56	0.9705
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v56	0.936
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v56	0.9473
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v56	0.9259
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v56	0.9223
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v56	0.9208
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v56	0.9412
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v56	0.9281
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v56	0.926
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v56	0.9341
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v56	0.9045
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v56	0.9824
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v56	0.9749
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v56	0.9496
Listeria_monocytogenes_1639_v56	Listeria_monocytogenes_1639_v56	0.0678
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v57	0.8645
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v57	0.8639
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v57	0.8707
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v57	0.8229
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v57	0.8277
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v57	0.876
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v57	0.8951
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v57	0.9455
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v57	0.9179
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v57	0.9235
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v57	0.9224
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v57	0.9289
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v57	0.9312
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v57	0.9218
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v57	0.947
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v57	0.9244
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v57	0.9147
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v57	0.9523
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v57	0.9029
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v57	0.9523
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v57	0.9537
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v57	0.942
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v57	0.9431
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v57	0.943
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v57	0.9434
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v57	0.9508
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v57	0.9508
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v57	0.9438
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v57	0.9438
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v57	0.9438
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v57	0.9221
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v57	0.9228
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v57	0.9228
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v57	0.9305
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v57	0.9305
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v57	0.9129
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v57	0.9129
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v57	0.9172
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v57	0.9164
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v57	0.9175
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v57	0.9225
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v57	0.9221
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v57	0.9175
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v57	0.9178
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v57	0.9178
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v57	0.929
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v57	0.929
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v57	0.9135
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v57	0.9175
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v57	0.9196
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v57	0.9196
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v57	0.9252
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v57	0.9175
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v57	0.9135
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v57	0.9135
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v57	0.9135
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v57	0.9175
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v57	0.9172
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v57	0.9154
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v57	0.8794
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v57	0.8997
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v57	0.9171
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v57	0.9004
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v57	0.9541
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v57	0.9676
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v57	0.9369
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v57	0.9226
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v57	0.8997

Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v57	0.9211
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v57	0.8981
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v57	0.9366
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v57	0.9298
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v57	0.9256
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v57	0.9259
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v57	0.9231
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v57	0.9591
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v57	0.9479
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v57	0.9479
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v57	0.9106
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v57	0.9427
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v57	0.9709
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v57	0.9236
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v57	0.9614
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v57	0.9687
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v57	0.9687
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v57	0.9687
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v57	0.909
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v57	0.9709
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v57	0.9417
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v57	0.9236
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v57	0.9051
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v57	0.9534
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v57	0.9242
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v57	0.9178
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v57	0.9171
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v57	0.9424
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v57	0.9273
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v57	0.9408
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v57	0.9401
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v57	0.9249
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v57	0.9358
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v57	0.9051
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v57	0.9228
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v57	0.9242
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v57	0.9224
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v57	0.9178
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v57	0.9004
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v57	0.913
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v57	0.9117
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v57	0.9437
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v57	0.9097
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v57	0.9217
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v57	0.9044
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v57	0.9434
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v57	0.9189
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v57	0.9371
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v57	0.92
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v57	0.9169
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v57	0.9102
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v57	0.9352
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v57	0.9219
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v57	0.9209
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v57	0.9234
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v57	0.9207
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v57	0.9403
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v57	0.9459
Listeria_monocytogenes_1639_v57	Listeria_monocytogenes_1639_v57	0.0667
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v58	0.8836
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v58	0.8832
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v58	0.878
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v58	0.826
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v58	0.828
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v58	0.8891
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v58	0.8846
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v58	0.9762
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v58	0.9237
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v58	0.9371
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v58	0.9287
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v58	0.936
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v58	0.9459
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v58	0.9269
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v58	0.9773
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v58	0.9319
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v58	0.9197
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v58	0.973
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v58	0.9136
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v58	0.973
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v58	0.9608
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v58	0.9806
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v58	0.9817
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v58	0.9824
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v58	0.9821
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v58	0.9654
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v58	0.9654
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v58	0.9821
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v58	0.9821
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v58	0.9821
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v58	0.9265
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v58	0.9269

Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v58	0.9269
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v58	0.9476
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v58	0.9476
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v58	0.9123
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v58	0.9123
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v58	0.917
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v58	0.9158
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v58	0.917
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v58	0.9284
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v58	0.9288
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v58	0.917
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v58	0.9177
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v58	0.9177
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v58	0.9366
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v58	0.9366
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v58	0.9129
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v58	0.9173
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v58	0.9311
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v58	0.9311
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v58	0.9258
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v58	0.917
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v58	0.9129
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v58	0.9129
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v58	0.9129
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v58	0.917
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v58	0.917
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v58	0.9137
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v58	0.8901
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v58	0.9115
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v58	0.9314
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v58	0.9119
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v58	0.9612
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v58	0.9494
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v58	0.9748
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v58	0.9307
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v58	0.9112
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v58	0.9255
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v58	0.9128
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v58	0.9502
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v58	0.9358
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v58	0.9428
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v58	0.9432
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v58	0.9294
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v58	0.9655
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v58	0.9777
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v58	0.9773
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v58	0.9159
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v58	0.9304
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v58	0.9494
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v58	0.9254
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v58	0.9595
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v58	0.9491
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v58	0.9491
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v58	0.9494
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v58	0.9169
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v58	0.9498
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v58	0.9694
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v58	0.9254
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v58	0.907
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v58	0.9657
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v58	0.9237
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v58	0.9266
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v58	0.9262
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v58	0.9847
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v58	0.9254
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v58	0.9794
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v58	0.9787
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v58	0.9226
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v58	0.9498
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v58	0.907
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v58	0.9205
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v58	0.9222
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v58	0.9249
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v58	0.918
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v58	0.9119
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v58	0.9225
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v58	0.9266
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v58	0.9794
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v58	0.9072
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v58	0.9231
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v58	0.9067
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v58	0.9817
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v58	0.9405
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v58	0.9465
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v58	0.9244
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v58	0.9257
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v58	0.9201
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v58	0.9412
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v58	0.9199
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v58	0.9208
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v58	0.9263

Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v58	0.9116
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v58	0.9712
Listeria_monocytogenes_1639_v58	Listeria_monocytogenes_1639_v58	0.0685
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v59	0.8896
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v59	0.8889
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v59	0.8792
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v59	0.8216
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v59	0.8269
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v59	0.8845
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v59	0.874
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v59	0.9698
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v59	0.9324
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v59	0.9314
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v59	0.9358
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v59	0.9367
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v59	0.9481
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v59	0.9239
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v59	0.9713
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v59	0.9312
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v59	0.9171
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v59	0.9665
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v59	0.9113
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v59	0.9665
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v59	0.9623
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v59	0.9645
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v59	0.9656
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v59	0.9652
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v59	0.9656
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v59	0.9681
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v59	0.9681
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v59	0.9648
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v59	0.9648
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v59	0.9648
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v59	0.9246
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v59	0.9257
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v59	0.9257
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v59	0.9398
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v59	0.9398
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v59	0.9164
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v59	0.9164
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v59	0.9214
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v59	0.9206
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v59	0.9218
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v59	0.9382
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v59	0.9382
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v59	0.9218
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v59	0.9214
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v59	0.9214
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v59	0.9359
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v59	0.9359
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v59	0.9174
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v59	0.9218
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v59	0.9296
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v59	0.9296
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v59	0.9228
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v59	0.9218
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v59	0.9174
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v59	0.9174
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v59	0.9174
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v59	0.9218
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v59	0.9214
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v59	0.9185
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v59	0.8836
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v59	0.9093
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v59	0.9225
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v59	0.91
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v59	0.9627
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v59	0.9438
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v59	0.9844
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v59	0.9217
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v59	0.9093
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v59	0.9247
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v59	0.912
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v59	0.9555
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v59	0.937
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v59	0.9281
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v59	0.9285
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v59	0.9366
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v59	0.9617
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v59	0.9886
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v59	0.9886
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v59	0.9133
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v59	0.9271
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v59	0.9445
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v59	0.919
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v59	0.958
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v59	0.9435
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v59	0.9435
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v59	0.9435
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v59	0.924
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v59	0.9445

Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v59	0.9672
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v59	0.919
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v59	0.9125
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v59	0.9608
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v59	0.9241
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v59	0.9269
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v59	0.9262
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v59	0.9638
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v59	0.9314
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v59	0.9809
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v59	0.9802
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v59	0.9285
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v59	0.9464
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v59	0.9125
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v59	0.9238
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v59	0.9278
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v59	0.9227
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v59	0.9228
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v59	0.91
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v59	0.9147
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v59	0.9203
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v59	0.9798
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v59	0.9135
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v59	0.9223
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v59	0.9118
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v59	0.966
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v59	0.9334
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v59	0.9435
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v59	0.9315
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v59	0.9241
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v59	0.9268
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v59	0.9408
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v59	0.924
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v59	0.9237
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v59	0.9236
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v59	0.9019
Listeria_monocytogenes_1639_v59	Listeria_monocytogenes_1639_v59	0.0682
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v5	0.8325
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v5	0.8319
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v5	0.8432
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v5	0.7841
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v5	0.8178
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v5	0.8476
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v5	0.8617
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v5	0.9042
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v5	0.892
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v5	0.9048
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v5	0.8958
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v5	0.9306
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v5	0.9102
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v5	0.8955
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v5	0.9055
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v5	0.8925
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v5	0.903
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v5	0.9103
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v5	0.8848
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v5	0.9103
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v5	0.911
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v5	0.9083
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v5	0.9093
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v5	0.9089
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v5	0.9096
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v5	0.9068
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v5	0.9068
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v5	0.91
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v5	0.91
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v5	0.91
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v5	0.8969
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v5	0.898
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v5	0.898
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v5	0.9382
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v5	0.9382
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v5	0.8954
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v5	0.8954
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v5	0.8913
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v5	0.8898
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v5	0.8916
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v5	0.897
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v5	0.897
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v5	0.8916
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v5	0.8915
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v5	0.8915
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v5	0.9009
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v5	0.9009
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v5	0.8956
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v5	0.8916
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v5	0.9005
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v5	0.9005
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v5	0.897
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v5	0.8916
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v5	0.8956

Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v5	0.8956
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v5	0.8956
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v5	0.8916
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v5	0.8913
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v5	0.9016
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v5	0.8608
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v5	0.8751
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v5	0.9014
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v5	0.8758
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v5	0.9113
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v5	0.9018
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v5	0.9043
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v5	0.9017
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v5	0.8751
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v5	0.8949
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v5	0.8658
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v5	0.9114
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v5	0.9016
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v5	0.9069
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v5	0.9073
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v5	0.8965
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v5	0.9127
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v5	0.9071
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v5	0.907
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v5	0.9009
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v5	0.9219
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v5	0.9128
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v5	0.9087
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v5	0.9043
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v5	0.9122
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v5	0.9122
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v5	0.9122
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v5	0.9
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v5	0.9129
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v5	0.9063
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v5	0.9087
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v5	0.9114
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v5	0.9147
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v5	0.896
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v5	0.8964
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v5	0.896
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v5	0.9091
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v5	0.8954
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v5	0.9113
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v5	0.911
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v5	0.8935
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v5	0.9355
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v5	0.9114
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v5	0.8919
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v5	0.8935
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v5	0.891
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v5	0.8982
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v5	0.8758
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v5	0.9195
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v5	0.9061
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v5	0.9066
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v5	0.9063
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v5	0.8963
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v5	0.9107
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v5	0.9096
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v5	0.8999
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v5	0.9113
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v5	0.8939
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v5	0.9058
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v5	0.8968
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v5	0.93
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v5	0.9
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v5	0.8944
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v5	0.8966
Listeria_monocytogenes_1639_v5	Listeria_monocytogenes_1639_v5	0.0808
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v60	0.868
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v60	0.8674
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v60	0.8808
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v60	0.8218
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v60	0.8395
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v60	0.877
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v60	0.8775
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v60	0.9242
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v60	0.9452
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v60	0.9553
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v60	0.9479
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v60	0.9297
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v60	0.9316
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v60	0.9478
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v60	0.9256
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v60	0.9293
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v60	0.9412
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v60	0.9312
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v60	0.9288
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v60	0.9312
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v60	0.938

Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v60	0.925
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v60	0.926
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v60	0.9267
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v60	0.926
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v60	0.9328
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v60	0.9328
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v60	0.9268
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v60	0.9268
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v60	0.9268
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v60	0.9489
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v60	0.9496
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v60	0.9496
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v60	0.9294
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v60	0.9294
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v60	0.9382
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v60	0.9382
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v60	0.9433
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v60	0.9448
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v60	0.9437
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v60	0.9473
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v60	0.9473
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v60	0.9437
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v60	0.9448
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v60	0.9448
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v60	0.955
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v60	0.955
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v60	0.9388
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v60	0.9433
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v60	0.9502
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v60	0.9502
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v60	0.9525
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v60	0.9437
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v60	0.9388
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v60	0.9388
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v60	0.9388
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v60	0.9437
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v60	0.9433
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v60	0.9437
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v60	0.9036
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v60	0.9035
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v60	0.9423
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v60	0.9041
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v60	0.938
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v60	0.9282
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v60	0.9207
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v60	0.9821
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v60	0.9038
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v60	0.9456
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v60	0.8985
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v60	0.9359
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v60	0.9595
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v60	0.9511
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v60	0.9511
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v60	0.9487
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v60	0.9337
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v60	0.9304
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v60	0.9303
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v60	0.9519
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v60	0.9238
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v60	0.9297
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v60	0.9541
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v60	0.9359
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v60	0.929
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v60	0.929
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v60	0.9294
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v60	0.9374
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v60	0.9308
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v60	0.9225
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v60	0.9541
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v60	0.9337
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v60	0.9326
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v60	0.9503
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v60	0.9445
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v60	0.9442
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v60	0.9239
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v60	0.9524
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v60	0.9267
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v60	0.926
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v60	0.9581
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v60	0.9318
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v60	0.9337
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v60	0.9567
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v60	0.9574
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v60	0.9546
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v60	0.9451
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v60	0.9041
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v60	0.9375
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v60	0.9359
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v60	0.9266
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v60	0.9424
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v60	0.9454

Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v60	0.9331
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v60	0.9264
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v60	0.9682
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v60	0.9405
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v60	0.9485
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v60	0.9417
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v60	0.9485
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v60	0.9323
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v60	0.955
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v60	0.9465
Listeria_monocytogenes_1639_v60	Listeria_monocytogenes_1639_v60	0.0845
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v61	0.8677
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v61	0.8671
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v61	0.8751
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v61	0.8133
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v61	0.8338
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v61	0.8698
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v61	0.8697
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v61	0.9191
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v61	0.9526
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v61	0.9518
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v61	0.9546
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v61	0.9204
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v61	0.9362
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v61	0.9522
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v61	0.9205
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v61	0.9244
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v61	0.9445
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v61	0.9256
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v61	0.9357
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v61	0.9256
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v61	0.9324
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v61	0.9169
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v61	0.918
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v61	0.9186
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v61	0.918
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v61	0.9287
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v61	0.9287
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v61	0.919
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v61	0.919
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v61	0.919
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v61	0.954
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v61	0.9552
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v61	0.9552
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v61	0.9358
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v61	0.9358
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v61	0.9711
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v61	0.9711
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v61	0.9787
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v61	0.975
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v61	0.9772
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v61	0.9528
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v61	0.9528
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v61	0.9772
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v61	0.9768
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v61	0.9768
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v61	0.9526
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v61	0.9526
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v61	0.9722
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v61	0.9768
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v61	0.9546
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v61	0.9546
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v61	0.9721
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v61	0.9772
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v61	0.9722
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v61	0.9722
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v61	0.9722
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v61	0.9772
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v61	0.9768
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v61	0.968
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v61	0.897
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v61	0.9048
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v61	0.9464
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v61	0.9055
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v61	0.9324
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v61	0.9234
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v61	0.9215
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v61	0.946
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v61	0.9055
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v61	0.9523
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v61	0.8898
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v61	0.9352
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v61	0.953
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v61	0.9454
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v61	0.9454
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v61	0.9554
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v61	0.9292
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v61	0.924
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v61	0.924
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v61	0.9434
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v61	0.9243

Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v61	0.9242
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v61	0.9448
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v61	0.9277
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v61	0.9228
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v61	0.9228
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v61	0.9232
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v61	0.9378
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v61	0.9242
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v61	0.9252
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v61	0.9448
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v61	0.9585
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v61	0.9308
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v61	0.9584
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v61	0.9515
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v61	0.9508
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v61	0.9177
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v61	0.9587
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v61	0.9197
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v61	0.9194
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v61	0.9628
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v61	0.9389
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v61	0.9585
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v61	0.9585
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v61	0.9636
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v61	0.9489
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v61	0.9473
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v61	0.9055
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v61	0.9353
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v61	0.943
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v61	0.92
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v61	0.9372
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v61	0.9524
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v61	0.9578
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v61	0.9183
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v61	0.9383
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v61	0.9376
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v61	0.9518
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v61	0.9701
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v61	0.9455
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v61	0.9405
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v61	0.9586
Listeria_monocytogenes_1639_v61	Listeria_monocytogenes_1639_v61	0.0672
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v62	0.8671
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v62	0.8665
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v62	0.878
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v62	0.8165
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v62	0.8362
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v62	0.8712
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v62	0.8736
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v62	0.9175
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v62	0.9496
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v62	0.9498
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v62	0.9505
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v62	0.9229
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v62	0.9364
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v62	0.9518
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v62	0.9189
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v62	0.9255
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v62	0.9448
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v62	0.9244
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v62	0.9307
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v62	0.9244
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v62	0.9304
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v62	0.9164
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v62	0.9175
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v62	0.9182
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v62	0.9175
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v62	0.9298
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v62	0.9298
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v62	0.9174
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v62	0.9174
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v62	0.9174
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v62	0.9543
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v62	0.9547
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v62	0.9547
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v62	0.9449
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v62	0.9449
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v62	0.9615
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v62	0.9615
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v62	0.9558
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v62	0.9554
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v62	0.9561
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v62	0.9531
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v62	0.9531
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v62	0.9561
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v62	0.9554
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v62	0.9554
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v62	0.948
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v62	0.948
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v62	0.9596
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v62	0.9558

Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v62	0.952
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v62	0.952
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v62	0.9512
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v62	0.9561
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v62	0.9596
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v62	0.9596
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v62	0.9596
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v62	0.9561
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v62	0.9558
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v62	0.9532
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v62	0.8972
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v62	0.9091
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v62	0.9459
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v62	0.9098
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v62	0.9304
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v62	0.9248
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v62	0.9218
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v62	0.9522
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v62	0.9091
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v62	0.9537
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v62	0.8911
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v62	0.937
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v62	0.9719
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v62	0.9431
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v62	0.9431
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v62	0.9512
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v62	0.9298
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v62	0.9239
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v62	0.9239
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v62	0.9477
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v62	0.9264
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v62	0.9245
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v62	0.9518
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v62	0.9291
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v62	0.9253
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v62	0.9253
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v62	0.9256
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v62	0.941
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v62	0.9256
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v62	0.9229
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v62	0.9518
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v62	0.9432
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v62	0.9303
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v62	0.955
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v62	0.9477
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v62	0.9474
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v62	0.9165
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v62	0.9556
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v62	0.9196
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v62	0.9193
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v62	0.984
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v62	0.9362
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v62	0.9432
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v62	0.9788
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v62	0.9836
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v62	0.947
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v62	0.9587
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v62	0.9098
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v62	0.9318
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v62	0.9429
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v62	0.9191
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v62	0.9441
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v62	0.9523
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v62	0.9425
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v62	0.9178
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v62	0.9438
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v62	0.9408
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v62	0.9525
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v62	0.9649
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v62	0.9562
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v62	0.9375
Listeria_monocytogenes_1639_v62	Listeria_monocytogenes_1639_v62	0.07
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v63	0.8677
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v63	0.8674
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v63	0.875
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v63	0.8206
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v63	0.8382
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v63	0.8785
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v63	0.8708
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v63	0.9386
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v63	0.9377
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v63	0.9315
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v63	0.9397
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v63	0.9413
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v63	0.9571
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v63	0.9422
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v63	0.9396
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v63	0.9275
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v63	0.9441
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v63	0.9449
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v63	0.9194

Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v63	0.9449
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v63	0.9467
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v63	0.9343
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v63	0.9354
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v63	0.9361
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v63	0.9358
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v63	0.9423
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v63	0.9423
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v63	0.9372
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v63	0.9372
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v63	0.9372
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v63	0.9466
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v63	0.9466
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v63	0.9466
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v63	0.9664
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v63	0.9664
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v63	0.9323
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v63	0.9323
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v63	0.9378
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v63	0.9359
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v63	0.937
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v63	0.9424
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v63	0.9427
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v63	0.937
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v63	0.9374
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v63	0.9374
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v63	0.9367
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v63	0.9367
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v63	0.9329
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v63	0.9374
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v63	0.9379
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v63	0.9379
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v63	0.9327
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v63	0.937
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v63	0.9329
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v63	0.9329
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v63	0.9329
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v63	0.937
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v63	0.937
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v63	0.9426
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v63	0.8868
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v63	0.9081
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v63	0.9363
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v63	0.9084
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v63	0.9471
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v63	0.9375
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v63	0.9366
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v63	0.9312
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v63	0.9077
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v63	0.943
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v63	0.8968
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v63	0.9584
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v63	0.937
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v63	0.9353
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v63	0.9357
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v63	0.9404
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v63	0.9472
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v63	0.9409
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v63	0.9406
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v63	0.9336
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v63	0.9396
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v63	0.9464
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v63	0.9292
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v63	0.9419
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v63	0.9464
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v63	0.9461
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v63	0.9464
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v63	0.937
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v63	0.9468
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v63	0.943
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v63	0.9292
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v63	0.9323
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v63	0.9446
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v63	0.9402
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v63	0.9356
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v63	0.9349
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v63	0.9351
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v63	0.9426
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v63	0.9353
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v63	0.935
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v63	0.9428
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v63	0.9683
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v63	0.9323
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v63	0.9395
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v63	0.9432
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v63	0.9303
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v63	0.9366
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v63	0.9084
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v63	0.9226
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v63	0.9411
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v63	0.9352

Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v63	0.9287
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v63	0.9454
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v63	0.932
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v63	0.9354
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v63	0.9257
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v63	0.9547
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v63	0.9372
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v63	0.935
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v63	0.9314
Listeria_monocytogenes_1639_v63	Listeria_monocytogenes_1639_v63	0.0735
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v64	0.8724
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v64	0.8718
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v64	0.873
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v64	0.8089
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v64	0.8277
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v64	0.8712
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v64	0.8668
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v64	0.9255
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v64	0.9591
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v64	0.9489
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v64	0.9586
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v64	0.9223
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v64	0.9441
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v64	0.9494
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v64	0.9269
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v64	0.9306
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v64	0.9431
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v64	0.9306
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v64	0.9328
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v64	0.9306
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v64	0.9343
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v64	0.9184
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v64	0.9195
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v64	0.9201
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v64	0.9195
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v64	0.9284
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v64	0.9284
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v64	0.9206
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v64	0.9206
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v64	0.9206
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v64	0.9516
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v64	0.9523
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v64	0.9523
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v64	0.9407
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v64	0.9407
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v64	0.9478
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v64	0.9478
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v64	0.9438
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v64	0.9449
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v64	0.9449
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v64	0.9564
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v64	0.9564
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v64	0.9449
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v64	0.9445
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v64	0.9445
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v64	0.9539
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v64	0.9539
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v64	0.9489
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v64	0.9445
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v64	0.9522
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v64	0.9522
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v64	0.9372
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v64	0.9449
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v64	0.9489
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v64	0.9489
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v64	0.9489
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v64	0.9449
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v64	0.9445
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v64	0.9438
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v64	0.9013
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v64	0.9107
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v64	0.9476
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v64	0.9113
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v64	0.9339
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v64	0.912
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v64	0.9201
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v64	0.9472
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v64	0.9106
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v64	0.9498
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v64	0.8998
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v64	0.9432
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v64	0.9528
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v64	0.9456
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v64	0.9456
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v64	0.9593
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v64	0.93
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v64	0.9275
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v64	0.9274
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v64	0.9428
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v64	0.9211
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v64	0.9142

Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v64	0.9445
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v64	0.9233
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v64	0.9128
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v64	0.9128
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v64	0.9132
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v64	0.9449
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v64	0.9143
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v64	0.9238
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v64	0.9445
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v64	0.9328
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v64	0.9226
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v64	0.9504
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v64	0.9491
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v64	0.9483
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v64	0.9178
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v64	0.9529
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v64	0.9193
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v64	0.9187
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v64	0.9541
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v64	0.9349
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v64	0.9328
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v64	0.9486
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v64	0.953
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v64	0.945
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v64	0.9508
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v64	0.9113
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v64	0.9346
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v64	0.946
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v64	0.9178
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v64	0.9436
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v64	0.9507
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v64	0.9321
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v64	0.9198
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v64	0.944
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v64	0.9354
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v64	0.9591
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v64	0.957
Listeria_monocytogenes_1639_v64	Listeria_monocytogenes_1639_v64	0.0697
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v65	0.8693
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v65	0.8686
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v65	0.8732
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v65	0.8087
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v65	0.829
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v65	0.8695
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v65	0.8742
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v65	0.9191
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v65	0.9537
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v65	0.9563
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v65	0.9543
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v65	0.9194
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v65	0.9343
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v65	0.9485
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v65	0.9205
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v65	0.9245
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v65	0.9412
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v65	0.926
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v65	0.9407
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v65	0.926
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v65	0.9328
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v65	0.9236
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v65	0.9247
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v65	0.9254
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v65	0.9247
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v65	0.9291
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v65	0.9291
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v65	0.9265
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v65	0.9265
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v65	0.9265
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v65	0.9526
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v65	0.9537
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v65	0.9537
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v65	0.955
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v65	0.955
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v65	0.9726
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v65	0.9726
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v65	0.9673
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v65	0.9669
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v65	0.9672
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v65	0.9514
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v65	0.9514
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v65	0.9672
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v65	0.968
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v65	0.968
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v65	0.9523
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v65	0.9523
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v65	0.9714
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v65	0.9673
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v65	0.9617
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v65	0.9617
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v65	0.9613
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v65	0.9672

Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v65	0.9714
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v65	0.9714
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v65	0.9714
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v65	0.9672
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v65	0.9669
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v65	0.9654
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v65	0.8992
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v65	0.9089
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v65	0.9549
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v65	0.9096
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v65	0.9328
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v65	0.9198
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v65	0.93
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v65	0.9467
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v65	0.9089
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v65	0.9486
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v65	0.8894
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v65	0.9348
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v65	0.9526
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v65	0.9518
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v65	0.9522
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v65	0.955
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v65	0.9296
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v65	0.9241
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v65	0.924
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v65	0.9453
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v65	0.9272
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v65	0.9205
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v65	0.9519
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v65	0.9244
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v65	0.9202
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v65	0.9203
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v65	0.9206
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v65	0.937
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v65	0.9202
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v65	0.9326
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v65	0.9519
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v65	0.9535
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v65	0.9364
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v65	0.9528
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v65	0.9567
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v65	0.956
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v65	0.9237
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v65	0.9527
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v65	0.9272
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v65	0.9268
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v65	0.9584
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v65	0.9438
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v65	0.9535
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v65	0.9526
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v65	0.9581
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v65	0.9437
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v65	0.9517
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v65	0.9096
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v65	0.9434
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v65	0.9551
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v65	0.9263
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v65	0.9325
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v65	0.9494
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v65	0.9528
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v65	0.925
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v65	0.9454
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v65	0.9324
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v65	0.9522
Listeria_monocytogenes_1639_v65	Listeria_monocytogenes_1639_v65	0.069
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v66	0.8745
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v66	0.8739
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v66	0.8844
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v66	0.8148
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v66	0.834
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v66	0.8794
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v66	0.876
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v66	0.9303
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v66	0.9637
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v66	0.9566
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v66	0.9659
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v66	0.9323
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v66	0.9445
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v66	0.9561
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v66	0.9317
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v66	0.9359
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v66	0.9494
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v66	0.9373
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v66	0.9399
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v66	0.9373
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v66	0.9384
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v66	0.9223
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v66	0.9234
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v66	0.9241
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v66	0.9234
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v66	0.9363

Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v66	0.9363
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v66	0.9248
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v66	0.9248
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v66	0.9248
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v66	0.9572
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v66	0.958
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v66	0.958
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v66	0.9358
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v66	0.9358
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v66	0.9434
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v66	0.9434
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v66	0.9486
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v66	0.9489
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v66	0.9493
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v66	0.9674
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v66	0.9674
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v66	0.9493
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v66	0.9497
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v66	0.9497
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v66	0.9632
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v66	0.9632
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v66	0.9448
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v66	0.949
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v66	0.9571
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v66	0.9571
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v66	0.9454
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v66	0.9493
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v66	0.9448
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v66	0.9448
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v66	0.9448
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v66	0.9493
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v66	0.949
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v66	0.9472
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v66	0.9071
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v66	0.9107
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v66	0.9551
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v66	0.9114
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v66	0.9384
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v66	0.9203
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v66	0.9236
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v66	0.9461
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v66	0.9115
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v66	0.9569
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v66	0.9047
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v66	0.9488
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v66	0.9612
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v66	0.9527
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v66	0.9527
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v66	0.9666
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v66	0.9375
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v66	0.9334
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v66	0.9334
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v66	0.9472
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v66	0.9223
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v66	0.9214
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v66	0.9423
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v66	0.9299
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v66	0.92
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v66	0.92
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v66	0.92
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v66	0.9538
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v66	0.9211
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v66	0.9292
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v66	0.9423
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v66	0.9363
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v66	0.9349
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v66	0.9568
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v66	0.9551
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v66	0.9543
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v66	0.922
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v66	0.9582
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v66	0.9251
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v66	0.9248
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v66	0.9571
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v66	0.942
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v66	0.9363
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v66	0.9527
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v66	0.9572
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v66	0.9487
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v66	0.9508
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v66	0.9114
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v66	0.939
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v66	0.9508
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v66	0.9235
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v66	0.9424
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v66	0.9563
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v66	0.9356
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v66	0.9237
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v66	0.9473
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v66	0.9391
Listeria_monocytogenes_1639_v66	Listeria_monocytogenes_1639_v66	0.0768

Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v67	0.8707
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v67	0.8701
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v67	0.8797
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v67	0.8238
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v67	0.8373
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v67	0.8835
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v67	0.8768
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v67	0.9424
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v67	0.9414
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v67	0.9371
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v67	0.9412
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v67	0.9432
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v67	0.9606
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v67	0.9478
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v67	0.9438
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v67	0.9282
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v67	0.9401
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v67	0.9495
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v67	0.9266
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v67	0.9495
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v67	0.949
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v67	0.9396
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v67	0.9406
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v67	0.9413
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v67	0.9406
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v67	0.9499
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v67	0.9499
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v67	0.9417
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v67	0.9417
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v67	0.9417
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v67	0.9437
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v67	0.9448
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v67	0.9448
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v67	0.954
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v67	0.954
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v67	0.9301
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v67	0.9301
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v67	0.9348
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v67	0.9352
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v67	0.9356
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v67	0.9413
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v67	0.9413
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v67	0.9356
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v67	0.9352
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v67	0.9352
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v67	0.9405
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v67	0.9405
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v67	0.9311
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v67	0.9356
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v67	0.9413
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v67	0.9413
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v67	0.9345
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v67	0.9356
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v67	0.9311
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v67	0.9311
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v67	0.9311
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v67	0.9356
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v67	0.9352
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v67	0.9316
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v67	0.8906
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v67	0.9065
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v67	0.9416
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v67	0.9071
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v67	0.9494
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v67	0.9397
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v67	0.9403
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v67	0.9415
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v67	0.9064
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v67	0.9423
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v67	0.9046
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v67	0.9781
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v67	0.9378
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v67	0.9383
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v67	0.9387
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v67	0.9419
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v67	0.9511
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v67	0.9455
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v67	0.9455
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v67	0.9336
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v67	0.9663
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v67	0.9398
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v67	0.9329
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v67	0.949
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v67	0.9394
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v67	0.9395
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v67	0.9394
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v67	0.9296
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v67	0.9409
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v67	0.9441
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v67	0.9329
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v67	0.9232

Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v67	0.9466
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v67	0.9473
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v67	0.9367
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v67	0.9356
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v67	0.9407
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v67	0.9483
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v67	0.9428
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v67	0.9421
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v67	0.9428
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v67	0.9573
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v67	0.9232
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v67	0.9429
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v67	0.9421
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v67	0.9336
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v67	0.9392
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v67	0.9071
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v67	0.923
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v67	0.9319
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v67	0.9401
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v67	0.9283
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v67	0.9428
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v67	0.9225
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v67	0.941
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v67	0.9301
Listeria_monocytogenes_1639_v67	Listeria_monocytogenes_1639_v67	0.0669
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v68	0.876
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v68	0.8753
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v68	0.8847
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v68	0.8167
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v68	0.8338
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v68	0.8823
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v68	0.8843
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v68	0.9363
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v68	0.9429
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v68	0.9587
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v68	0.9461
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v68	0.9334
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v68	0.9335
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v68	0.9456
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v68	0.9377
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v68	0.9324
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v68	0.939
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v68	0.9335
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v68	0.9315
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v68	0.9335
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v68	0.9399
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v68	0.938
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v68	0.9391
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v68	0.9398
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v68	0.9391
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v68	0.9362
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v68	0.9362
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v68	0.941
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v68	0.941
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v68	0.941
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v68	0.9448
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v68	0.9463
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v68	0.9463
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v68	0.9335
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v68	0.9335
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v68	0.9312
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v68	0.9312
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v68	0.9352
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v68	0.9351
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v68	0.9355
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v68	0.9488
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v68	0.9488
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v68	0.9355
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v68	0.9359
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v68	0.9359
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v68	0.9569
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v68	0.9569
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v68	0.9311
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v68	0.9356
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v68	0.951
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v68	0.951
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v68	0.9439
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v68	0.9355
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v68	0.9311
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v68	0.9311
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v68	0.9311
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v68	0.9355
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v68	0.9352
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v68	0.9363
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v68	0.9091
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v68	0.9109
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v68	0.9516
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v68	0.9115
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v68	0.9399
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v68	0.923
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v68	0.9344

Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v68	0.9739
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v68	0.9112
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v68	0.9434
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v68	0.9011
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v68	0.9344
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v68	0.9599
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v68	0.9601
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v68	0.9605
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v68	0.9464
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v68	0.9359
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v68	0.9421
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v68	0.9421
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v68	0.946
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v68	0.9187
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v68	0.9234
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v68	0.9504
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v68	0.9303
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v68	0.9238
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v68	0.9238
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v68	0.9242
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v68	0.9374
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v68	0.9234
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v68	0.9273
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v68	0.9504
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v68	0.9264
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v68	0.9405
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v68	0.9443
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v68	0.9456
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v68	0.9453
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v68	0.9385
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v68	0.9468
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v68	0.9428
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v68	0.9421
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v68	0.9495
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v68	0.9359
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v68	0.9264
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v68	0.947
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v68	0.9481
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v68	0.9486
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v68	0.9392
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v68	0.9115
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v68	0.9468
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v68	0.9456
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v68	0.939
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v68	0.9339
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v68	0.9413
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v68	0.9257
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v68	0.9395
Listeria_monocytogenes_1639_v68	Listeria_monocytogenes_1639_v68	0.0696
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v69	0.8807
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v69	0.88
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v69	0.874
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v69	0.822
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v69	0.8257
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v69	0.8847
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v69	0.8821
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v69	0.9861
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v69	0.9194
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v69	0.9364
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v69	0.9231
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v69	0.9357
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v69	0.943
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v69	0.9222
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v69	0.9876
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v69	0.9305
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v69	0.915
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v69	0.9822
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v69	0.9095
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v69	0.9822
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v69	0.9624
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v69	0.9981
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v69	0.9993
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v69	0.9985
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v69	0.9993
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v69	0.9625
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v69	0.9625
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v69	0.9925
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v69	0.9925
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v69	0.9925
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v69	0.9221
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v69	0.9236
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v69	0.9236
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v69	0.944
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v69	0.944
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v69	0.9099
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v69	0.9099
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v69	0.9145
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v69	0.9148
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v69	0.9149
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v69	0.9278
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v69	0.9278

Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v69	0.9149
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v69	0.9156
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v69	0.9156
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v69	0.9333
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v69	0.9333
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v69	0.9109
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v69	0.9149
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v69	0.9286
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v69	0.9286
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v69	0.9234
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v69	0.9149
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v69	0.9109
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v69	0.9109
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v69	0.9109
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v69	0.9149
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v69	0.9145
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v69	0.9131
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v69	0.8888
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v69	0.9099
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v69	0.9282
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v69	0.9105
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v69	0.9628
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v69	0.9483
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v69	0.9685
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v69	0.9289
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v69	0.9098
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v69	0.92
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v69	0.9107
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v69	0.9458
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v69	0.9325
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v69	0.9384
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v69	0.9388
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v69	0.9239
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v69	0.9629
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v69	0.972
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v69	0.972
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v69	0.9142
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v69	0.9272
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v69	0.9487
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v69	0.9236
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v69	0.9614
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v69	0.9488
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v69	0.9488
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v69	0.9488
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v69	0.9156
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v69	0.9495
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v69	0.9795
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v69	0.9236
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v69	0.9057
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v69	0.9628
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v69	0.9208
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v69	0.9241
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v69	0.9234
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v69	0.9926
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v69	0.9244
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v69	0.9768
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v69	0.9761
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v69	0.9204
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v69	0.9453
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v69	0.9057
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v69	0.9187
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v69	0.9201
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v69	0.9258
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v69	0.9159
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v69	0.9105
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v69	0.9193
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v69	0.9234
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v69	0.9734
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v69	0.904
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v69	0.9206
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v69	0.905
Listeria_monocytogenes_1639_v69	Listeria_monocytogenes_1639_v69	0.0664
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v6	0.8543
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v6	0.854
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v6	0.8587
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v6	0.8027
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v6	0.8309
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v6	0.8615
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v6	0.853
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v6	0.9064
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v6	0.9376
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v6	0.9344
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v6	0.9384
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v6	0.9338
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v6	0.9199
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v6	0.9398
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v6	0.9074
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v6	0.9099
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v6	0.9421
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v6	0.9109
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v6	0.9189

Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v6	0.9109
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v6	0.9175
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v6	0.904
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v6	0.905
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v6	0.9053
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v6	0.905
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v6	0.9147
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v6	0.9147
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v6	0.9065
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v6	0.9065
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v6	0.9065
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v6	0.9427
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v6	0.9438
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v6	0.9438
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v6	0.9237
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v6	0.9237
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v6	0.9521
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v6	0.9521
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v6	0.9565
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v6	0.9565
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v6	0.9565
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v6	0.937
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v6	0.9374
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v6	0.9565
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v6	0.9587
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v6	0.9587
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v6	0.9373
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v6	0.9373
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v6	0.9524
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v6	0.9565
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v6	0.9444
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v6	0.9444
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v6	0.952
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v6	0.9565
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v6	0.9524
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v6	0.9524
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v6	0.9524
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v6	0.9565
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v6	0.9565
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v6	0.975
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v6	0.8819
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v6	0.89
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v6	0.9345
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v6	0.8903
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v6	0.9175
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v6	0.9098
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v6	0.9094
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v6	0.9301
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v6	0.8897
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v6	0.9403
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v6	0.8771
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v6	0.9204
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v6	0.9377
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v6	0.9309
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v6	0.9309
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v6	0.9391
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v6	0.9151
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v6	0.9123
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v6	0.9119
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v6	0.9458
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v6	0.9058
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v6	0.9163
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v6	0.926
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v6	0.9127
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v6	0.9157
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v6	0.9157
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v6	0.9164
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v6	0.9402
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v6	0.916
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v6	0.9086
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v6	0.926
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v6	0.9993
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v6	0.9135
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v6	0.9433
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v6	0.9348
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v6	0.9348
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v6	0.9044
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v6	0.9425
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v6	0.9071
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v6	0.9068
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v6	0.9463
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v6	0.9234
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v6	0.9993
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v6	0.9412
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v6	0.9456
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v6	0.9329
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v6	0.9325
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v6	0.8903
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v6	0.9283
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v6	0.9399
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v6	0.9059

Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v6	0.9309
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v6	0.9412
Listeria_monocytogenes_1639_v6	Listeria_monocytogenes_1639_v6	0.0698
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v70	0.8667
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v70	0.866
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v70	0.8721
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v70	0.8157
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v70	0.8369
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v70	0.8756
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v70	0.8694
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v70	0.9218
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v70	0.956
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v70	0.9462
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v70	0.9524
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v70	0.9231
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v70	0.9411
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v70	0.9867
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v70	0.9232
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v70	0.9287
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v70	0.9831
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v70	0.9276
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v70	0.9312
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v70	0.9276
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v70	0.9301
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v70	0.9192
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v70	0.9203
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v70	0.9209
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v70	0.9203
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v70	0.9269
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v70	0.9269
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v70	0.9199
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v70	0.9199
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v70	0.9199
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v70	0.9859
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v70	0.987
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v70	0.987
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v70	0.9373
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v70	0.9373
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v70	0.9455
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v70	0.9455
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v70	0.9507
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v70	0.9536
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v70	0.9518
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v70	0.9551
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v70	0.9551
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v70	0.9518
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v70	0.9518
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v70	0.9518
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v70	0.9523
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v70	0.9523
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v70	0.9469
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v70	0.9515
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v70	0.9535
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v70	0.9535
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v70	0.9454
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v70	0.9518
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v70	0.9469
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v70	0.9469
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v70	0.9469
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v70	0.9518
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v70	0.9515
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v70	0.9533
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v70	0.9025
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v70	0.9067
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v70	0.98
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v70	0.9074
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v70	0.9301
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v70	0.9231
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v70	0.9198
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v70	0.9427
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v70	0.9067
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v70	0.9822
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v70	0.8943
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v70	0.9401
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v70	0.9462
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v70	0.966
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v70	0.966
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v70	0.9532
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v70	0.9304
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v70	0.923
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v70	0.9229
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v70	0.9457
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v70	0.928
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v70	0.9272
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v70	0.9463
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v70	0.9285
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v70	0.9269
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v70	0.9269
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v70	0.9269
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v70	0.943
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v70	0.9284

Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v70	0.926
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v70	0.9463
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v70	0.9418
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v70	0.9282
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v70	0.9584
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v70	0.9512
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v70	0.9505
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v70	0.9167
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v70	0.9583
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v70	0.9175
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v70	0.9172
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v70	0.9595
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v70	0.9375
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v70	0.9418
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v70	0.9548
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v70	0.9581
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v70	0.946
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v70	0.9477
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v70	0.9074
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v70	0.9401
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v70	0.9805
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v70	0.9174
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v70	0.9391
Listeria_monocytogenes_1639_v70	Listeria_monocytogenes_1639_v70	0.0697
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v71	0.8557
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v71	0.8554
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v71	0.8652
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v71	0.8055
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v71	0.8507
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v71	0.8627
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v71	0.8615
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v71	0.9058
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v71	0.9444
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v71	0.933
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v71	0.9452
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v71	0.9146
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v71	0.9273
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v71	0.9403
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v71	0.9068
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v71	0.9142
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v71	0.9356
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v71	0.9122
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v71	0.9248
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v71	0.9122
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v71	0.9192
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v71	0.903
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v71	0.904
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v71	0.9044
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v71	0.904
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v71	0.9175
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v71	0.9175
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v71	0.9033
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v71	0.9033
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v71	0.9033
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v71	0.9403
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v71	0.941
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v71	0.941
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v71	0.9226
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v71	0.9226
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v71	0.9327
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v71	0.9327
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v71	0.9367
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v71	0.9359
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v71	0.937
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196168	Listeria_monocytogenes_1639_v71	0.9431
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v71	0.9434
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v71	0.937
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v71	0.9374
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v71	0.9374
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v71	0.9374
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v71	0.9374
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v71	0.9333
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v71	0.9374
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v71	0.9412
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v71	0.9412
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v71	0.9323
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v71	0.937
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v71	0.9333
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v71	0.9333
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v71	0.9333
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v71	0.937
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v71	0.937
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v71	0.9411
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v71	0.8864
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v71	0.8988
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v71	0.9356
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v71	0.8991
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v71	0.9192
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v71	0.9103
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v71	0.9084
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v71	0.94

Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v71	0.8984
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v71	0.9393
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v71	0.8848
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v71	0.9273
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v71	0.94
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v71	0.9313
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v71	0.9316
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v71	0.946
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v71	0.9176
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v71	0.9125
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v71	0.9121
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v71	0.943
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v71	0.9142
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v71	0.9147
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v71	0.9319
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v71	0.9163
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v71	0.9137
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v71	0.9137
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v71	0.9144
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v71	0.9421
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v71	0.9137
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v71	0.9091
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v71	0.9319
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v71	0.9313
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v71	0.9144
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v71	0.9409
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v71	0.9364
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v71	0.936
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v71	0.9027
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v71	0.9467
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v71	0.9087
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v71	0.9084
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v71	0.9472
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v71	0.9282
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v71	0.9313
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v71	0.944
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v71	0.9465
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v71	0.9355
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v71	0.9362
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v71	0.8991
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v71	0.9481
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v71	0.9305
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v71	0.9057
Listeria_monocytogenes_1639_v71	Listeria_monocytogenes_1639_v71	0.0701
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v72	0.8823
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v72	0.8817
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v72	0.8764
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v72	0.8239
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v72	0.8253
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v72	0.8826
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v72	0.8796
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v72	0.9679
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v72	0.9226
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v72	0.9359
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v72	0.9264
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v72	0.933
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v72	0.9383
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v72	0.9201
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v72	0.9694
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v72	0.9292
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v72	0.913
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v72	0.9646
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v72	0.912
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v72	0.9646
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v72	0.9604
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v72	0.972
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v72	0.9731
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v72	0.9727
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v72	0.9731
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v72	0.9662
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v72	0.9662
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v72	0.9742
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v72	0.9742
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v72	0.9742
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v72	0.9197
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v72	0.9201
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v72	0.9201
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v72	0.9409
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v72	0.9409
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v72	0.9116
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v72	0.9116
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v72	0.9166
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v72	0.9158
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v72	0.9169
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v72	0.9287
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v72	0.9287
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v72	0.9169
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v72	0.9169
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v72	0.9169
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v72	0.9335
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v72	0.9335

Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v72	0.9125
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v72	0.9169
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v72	0.9299
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v72	0.9299
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v72	0.9254
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v72	0.9169
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v72	0.9125
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v72	0.9125
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v72	0.9125
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v72	0.9169
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v72	0.9166
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v72	0.9133
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v72	0.8868
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v72	0.9078
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v72	0.9251
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v72	0.9085
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v72	0.9608
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v72	0.9463
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v72	0.984
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v72	0.9303
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v72	0.9078
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v72	0.9183
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v72	0.9101
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v72	0.9464
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v72	0.935
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v72	0.936
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v72	0.9364
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v72	0.9271
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v72	0.9598
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v72	0.9867
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v72	0.9867
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v72	0.9165
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v72	0.9285
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v72	0.9471
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v72	0.9276
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v72	0.9606
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v72	0.946
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v72	0.9461
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v72	0.946
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v72	0.9143
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v72	0.9483
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v72	0.9627
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v72	0.9276
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v72	0.9066
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v72	0.9695
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v72	0.921
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v72	0.928
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v72	0.9273
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v72	0.9731
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v72	0.9265
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v72	0.9884
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v72	0.9876
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v72	0.9236
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v72	0.9452
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v72	0.9066
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v72	0.9227
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v72	0.9241
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v72	0.9256
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v72	0.9176
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v72	0.9085
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v72	0.921
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v72	0.9199
Listeria_monocytogenes_1639_v72	Listeria_monocytogenes_1639_v72	0.0697
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v73	0.8645
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v73	0.8641
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v73	0.8683
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v73	0.8086
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v73	0.8298
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v73	0.8741
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v73	0.8698
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v73	0.9197
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v73	0.9506
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v73	0.9494
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v73	0.9496
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v73	0.927
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v73	0.9375
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v73	0.9753
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v73	0.9208
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v73	0.9262
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v73	0.9776
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v73	0.9248
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v73	0.9359
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v73	0.9248
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v73	0.9273
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v73	0.9224
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v73	0.9234
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v73	0.9238
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v73	0.9234
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v73	0.9245
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v73	0.9245
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v73	0.9242

Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v73	0.9242
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v73	0.9242
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v73	0.9789
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v73	0.9797
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v73	0.9797
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v73	0.9426
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v73	0.9426
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v73	0.9362
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v73	0.9362
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v73	0.9413
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v73	0.942
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v73	0.942
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v73	0.9523
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v73	0.9526
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v73	0.942
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v73	0.9416
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v73	0.9416
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v73	0.9501
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v73	0.9501
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v73	0.9376
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v73	0.942
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v73	0.954
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v73	0.954
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v73	0.9362
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v73	0.942
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v73	0.9376
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v73	0.9376
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v73	0.9376
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v73	0.942
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v73	0.942
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v73	0.9527
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v73	0.9045
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v73	0.9099
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v73	0.9816
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v73	0.9102
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v73	0.9273
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v73	0.9156
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v73	0.9255
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v73	0.941
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v73	0.9095
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v73	0.9742
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v73	0.892
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v73	0.9373
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v73	0.9437
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v73	0.9683
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v73	0.9683
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v73	0.9503
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v73	0.9279
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v73	0.9209
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v73	0.9205
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v73	0.9484
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v73	0.9278
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v73	0.9249
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v73	0.9428
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v73	0.9187
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v73	0.9253
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v73	0.9253
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v73	0.9256
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v73	0.9449
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v73	0.9242
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v73	0.9295
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v73	0.9428
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v73	0.9402
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v73	0.9295
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v73	0.9486
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v73	0.9543
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v73	0.9539
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v73	0.9221
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v73	0.9488
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v73	0.9226
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v73	0.9223
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v73	0.9485
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v73	0.9414
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v73	0.9402
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v73	0.9442
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v73	0.9471
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v73	0.9376
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v73	0.9398
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v73	0.9102
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v73	0.9454
Listeria_monocytogenes_1639_v73	Listeria_monocytogenes_1639_v73	0.0734
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v74	0.8615
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v74	0.8611
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v74	0.8722
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v74	0.8099
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v74	0.8455
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v74	0.8734
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v74	0.8725
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v74	0.9167
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v74	0.9578
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v74	0.954

Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v74	0.9598
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v74	0.9244
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v74	0.9241
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v74	0.9399
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v74	0.9177
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v74	0.9308
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v74	0.9348
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v74	0.9233
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v74	0.9477
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v74	0.9233
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v74	0.9296
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v74	0.9182
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v74	0.9193
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v74	0.9196
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v74	0.9193
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v74	0.9286
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v74	0.9286
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v74	0.9186
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v74	0.9186
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v74	0.9186
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v74	0.9398
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v74	0.941
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v74	0.941
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v74	0.9253
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v74	0.9253
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v74	0.9304
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v74	0.9304
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v74	0.9355
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v74	0.9343
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v74	0.9355
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v74	0.9397
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v74	0.94
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v74	0.9355
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v74	0.9354
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v74	0.9354
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v74	0.9601
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v74	0.9601
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v74	0.9317
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v74	0.9358
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v74	0.9635
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v74	0.9635
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v74	0.9426
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v74	0.9355
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v74	0.9317
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v74	0.9317
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v74	0.9317
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v74	0.9355
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v74	0.9355
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v74	0.9429
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v74	0.9019
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v74	0.8987
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v74	0.9448
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v74	0.8991
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v74	0.9296
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v74	0.9148
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v74	0.9162
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v74	0.9429
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v74	0.8987
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v74	0.9381
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v74	0.8993
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v74	0.9261
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v74	0.9479
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v74	0.9498
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v74	0.9502
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v74	0.9606
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v74	0.9291
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v74	0.9243
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v74	0.9239
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v74	0.9353
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v74	0.9121
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v74	0.9193
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v74	0.941
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v74	0.9224
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v74	0.9182
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v74	0.9183
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v74	0.9189
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v74	0.9332
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v74	0.9189
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v74	0.9166
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v74	0.941
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v74	0.9282
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v74	0.9307
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v74	0.9464
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v74	0.9618
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v74	0.9626
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v74	0.9165
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v74	0.9396
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v74	0.9229
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v74	0.9226
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v74	0.9371
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v74	0.9265

Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v74	0.9282
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v74	0.9354
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v74	0.936
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v74	0.9403
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v74	0.9276
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v74	0.8991
Listeria_monocytogenes_1639_v74	Listeria_monocytogenes_1639_v74	0.0675
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v75	0.8657
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v75	0.865
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v75	0.8578
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v75	0.8083
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v75	0.8106
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v75	0.8527
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v75	0.8658
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v75	0.9045
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v75	0.912
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v75	0.9093
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v75	0.9134
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v75	0.8953
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v75	0.9108
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v75	0.9082
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v75	0.9059
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v75	0.929
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v75	0.9015
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v75	0.9106
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v75	0.8988
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v75	0.9106
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v75	0.9161
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v75	0.9092
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v75	0.9102
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v75	0.9109
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v75	0.9102
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v75	0.9099
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v75	0.9099
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v75	0.9113
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v75	0.9113
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v75	0.9113
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v75	0.9077
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v75	0.9081
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v75	0.9081
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v75	0.9155
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v75	0.9155
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v75	0.8969
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v75	0.8969
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v75	0.8989
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v75	0.8992
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v75	0.8999
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v75	0.9151
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v75	0.9151
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v75	0.8999
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v75	0.8999
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v75	0.8999
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v75	0.9087
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v75	0.9087
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v75	0.8968
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v75	0.9
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v75	0.9152
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v75	0.9152
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v75	0.896
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v75	0.8999
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v75	0.8968
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v75	0.8968
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v75	0.8968
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v75	0.8999
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v75	0.8996
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v75	0.896
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v75	0.8683
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v75	0.9993
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v75	0.9123
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v75	1
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v75	0.9161
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v75	0.9002
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v75	0.9142
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v75	0.9108
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v75	0.9989
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v75	0.9079
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v75	0.8973
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v75	0.912
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v75	0.9113
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v75	0.9144
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v75	0.9148
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v75	0.9141
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v75	0.9096
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v75	0.9072
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v75	0.9071
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v75	0.9092
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v75	0.8993
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v75	0.9036
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v75	0.9093
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v75	0.9058
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v75	0.9011

Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v75	0.9011
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v75	0.9014
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v75	0.9003
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v75	0.904
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v75	0.9174
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v75	0.9093
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v75	0.891
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v75	0.914
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v75	0.9079
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v75	0.9134
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v75	0.9127
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v75	0.9107
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v75	0.9132
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v75	0.9108
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v75	0.9101
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v75	0.9116
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v75	0.9166
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v75	0.891
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v75	0.9081
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v75	0.9109
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v75	0.8957
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v75	0.9031
Listeria_monocytogenes_1639_v75	Listeria_monocytogenes_1639_v75	0.0666
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v76	0.8616
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v76	0.8613
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v76	0.8681
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v76	0.8075
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v76	0.8251
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v76	0.8678
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v76	0.8625
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v76	0.9185
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v76	0.9501
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v76	0.9452
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v76	0.9525
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v76	0.9151
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v76	0.9367
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v76	0.9497
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v76	0.9195
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v76	0.9204
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v76	0.9428
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v76	0.9243
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v76	0.9309
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v76	0.9243
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v76	0.9276
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v76	0.9148
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v76	0.9159
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v76	0.9155
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v76	0.9159
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v76	0.9262
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v76	0.9262
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v76	0.9181
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v76	0.9181
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v76	0.9181
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v76	0.9534
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v76	0.9534
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v76	0.9534
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v76	0.94
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v76	0.94
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v76	0.9511
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v76	0.9511
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v76	0.9449
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v76	0.9449
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v76	0.9453
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v76	0.9772
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v76	0.9772
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v76	0.9453
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v76	0.9452
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v76	0.9452
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v76	0.9497
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v76	0.9497
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v76	0.9492
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v76	0.9453
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v76	0.9477
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v76	0.9477
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v76	0.9421
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v76	0.9453
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v76	0.9492
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v76	0.9492
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v76	0.9492
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v76	0.9453
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v76	0.9453
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v76	0.9416
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v76	0.8965
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v76	0.9028
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v76	0.9457
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v76	0.9031
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v76	0.9276
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v76	0.9199
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v76	0.9202
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v76	0.9431
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v76	0.9028

Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v76	0.9509
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v76	0.8903
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v76	0.9372
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v76	0.9463
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v76	0.9441
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v76	0.9441
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v76	0.9532
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v76	0.9263
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v76	0.9234
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v76	0.923
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v76	0.9432
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v76	0.927
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v76	0.9207
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v76	0.9494
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v76	0.9275
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v76	0.92
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v76	0.92
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v76	0.9204
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v76	0.9404
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v76	0.9204
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v76	0.9221
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v76	0.9494
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v76	0.9328
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v76	0.9257
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v76	0.9552
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v76	0.9457
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v76	0.9457
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v76	0.9157
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v76	0.9602
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v76	0.9199
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v76	0.9192
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v76	0.9525
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v76	0.9387
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v76	0.9328
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v76	0.95
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v76	0.9537
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v76	0.9408
Listeria_monocytogenes_1639_v76	Listeria_monocytogenes_1639_v76	0.067
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v77	0.8711
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v77	0.8708
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v77	0.8793
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v77	0.8201
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v77	0.8352
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v77	0.8801
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v77	0.8738
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v77	0.9289
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v77	0.945
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v77	0.9563
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v77	0.9478
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v77	0.9246
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v77	0.9348
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v77	0.9484
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v77	0.93
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v77	0.9322
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v77	0.9417
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v77	0.9322
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v77	0.9271
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v77	0.9322
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v77	0.9321
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v77	0.9247
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v77	0.9258
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v77	0.9258
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v77	0.9258
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v77	0.9307
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v77	0.9307
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v77	0.9262
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v77	0.9262
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v77	0.9262
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v77	0.948
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v77	0.9488
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v77	0.9488
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v77	0.9259
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v77	0.9259
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v77	0.9413
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v77	0.9413
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v77	0.9473
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v77	0.9461
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v77	0.9473
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v77	0.9464
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v77	0.9467
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v77	0.9473
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v77	0.9472
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v77	0.9472
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v77	0.9575
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v77	0.9575
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v77	0.9427
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v77	0.9473
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v77	0.9463
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v77	0.9463
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v77	0.955
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v77	0.9473

Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v77	0.9427
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v77	0.9427
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v77	0.9427
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v77	0.9473
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v77	0.9473
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v77	0.9447
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v77	0.9037
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v77	0.8954
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v77	0.9417
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v77	0.8957
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v77	0.9321
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v77	0.925
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v77	0.9204
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v77	0.9533
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v77	0.8954
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v77	0.9458
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v77	0.9005
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v77	0.9331
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v77	0.9564
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v77	0.9547
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v77	0.9547
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v77	0.9485
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v77	0.9335
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v77	0.932
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v77	0.9317
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v77	0.9389
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v77	0.9163
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v77	0.9269
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v77	0.9462
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v77	0.9338
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v77	0.9258
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v77	0.9259
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v77	0.9265
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v77	0.9364
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v77	0.9262
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v77	0.9216
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v77	0.9462
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v77	0.9332
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v77	0.9354
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v77	0.9539
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v77	0.9425
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v77	0.9425
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v77	0.9245
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v77	0.9545
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v77	0.9253
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v77	0.925
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v77	0.9524
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v77	0.9275
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v77	0.9332
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v77	0.951
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v77	0.9524
Listeria_monocytogenes_1639_v77	Listeria_monocytogenes_1639_v77	0.0685
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v78	0.8693
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v78	0.8686
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v78	0.8794
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v78	0.8196
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v78	0.8453
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v78	0.876
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v78	0.8765
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v78	0.9213
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v78	0.9539
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v78	0.9531
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v78	0.9548
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v78	0.9256
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v78	0.9418
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v78	0.9594
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v78	0.9227
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v78	0.929
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v78	0.952
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v78	0.9279
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v78	0.9335
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v78	0.9279
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v78	0.9339
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v78	0.9187
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v78	0.9198
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v78	0.9205
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v78	0.9198
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v78	0.9333
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v78	0.9333
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v78	0.9212
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v78	0.9212
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v78	0.9212
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v78	0.9616
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v78	0.9624
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v78	0.9624
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v78	0.9395
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v78	0.9395
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v78	0.9555
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v78	0.9555
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v78	0.9615
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v78	0.9604

Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v78	0.9615
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v78	0.9586
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v78	0.9586
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v78	0.9615
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v78	0.9608
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v78	0.9608
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v78	0.9516
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v78	0.9516
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v78	0.9566
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v78	0.9612
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v78	0.9551
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v78	0.9551
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v78	0.9555
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v78	0.9615
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v78	0.9566
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v78	0.9566
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v78	0.9566
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v78	0.9615
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v78	0.9612
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v78	0.9597
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v78	0.9005
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v78	0.9102
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v78	0.9528
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v78	0.9109
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v78	0.9339
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v78	0.9253
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v78	0.9263
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v78	0.9528
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v78	0.9106
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v78	0.9621
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v78	0.8941
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v78	0.942
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v78	0.9756
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v78	0.9482
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v78	0.9482
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v78	0.9555
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v78	0.9334
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v78	0.9278
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v78	0.9278
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v78	0.9516
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v78	0.9301
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v78	0.9264
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v78	0.9467
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v78	0.9315
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v78	0.925
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v78	0.925
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v78	0.9254
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v78	0.9452
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v78	0.9276
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v78	0.9271
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v78	0.9467
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v78	0.9463
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v78	0.9346
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v78	0.9571
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v78	0.9531
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v78	0.9528
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v78	0.9184
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v78	0.9622
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v78	0.9223
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v78	0.922
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v78	0.9959
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v78	0.9393
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v78	0.9463
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v78	0.9884
Listeria_monocytogenes_1639_v78	Listeria_monocytogenes_1639_v78	0.0664
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v79	0.8665
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v79	0.8661
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v79	0.878
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v79	0.8187
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v79	0.8406
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v79	0.8742
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v79	0.8752
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v79	0.9203
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v79	0.9536
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v79	0.9512
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v79	0.9518
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v79	0.9243
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v79	0.9382
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v79	0.9598
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v79	0.9213
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v79	0.9279
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v79	0.9535
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v79	0.9265
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v79	0.9355
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v79	0.9265
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v79	0.9325
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v79	0.9177
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v79	0.9187
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v79	0.9191
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v79	0.9187
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v79	0.9322

Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v79	0.9322
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v79	0.9187
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v79	0.9187
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v79	0.9187
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v79	0.9579
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v79	0.958
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v79	0.958
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v79	0.9374
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v79	0.9374
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v79	0.9519
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v79	0.9519
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v79	0.9564
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v79	0.9545
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v79	0.9571
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v79	0.9557
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v79	0.956
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v79	0.9571
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v79	0.9575
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v79	0.9575
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v79	0.9505
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v79	0.9505
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v79	0.9529
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v79	0.9571
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v79	0.9529
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v79	0.9529
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v79	0.9537
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v79	0.9571
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v79	0.9529
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v79	0.9529
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v79	0.9529
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v79	0.9571
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v79	0.9571
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v79	0.9568
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v79	0.8991
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v79	0.9077
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v79	0.9532
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v79	0.9081
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v79	0.9325
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v79	0.9254
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v79	0.9223
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v79	0.9513
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v79	0.9074
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v79	0.9562
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v79	0.8934
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v79	0.9391
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v79	0.9745
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v79	0.9463
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v79	0.9463
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v79	0.9526
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v79	0.9323
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v79	0.9267
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v79	0.9264
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v79	0.9491
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v79	0.9277
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v79	0.9254
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v79	0.9472
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v79	0.9304
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v79	0.9251
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v79	0.9251
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v79	0.9258
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v79	0.9423
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v79	0.9262
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v79	0.9231
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v79	0.9472
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v79	0.9416
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v79	0.9339
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v79	0.9575
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v79	0.9502
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v79	0.9502
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v79	0.917
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v79	0.963
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v79	0.9197
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v79	0.9194
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v79	0.9881
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v79	0.9361
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v79	0.9416
Listeria_monocytogenes_1639_v79	Listeria_monocytogenes_1639_v79	0.0678
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v7	0.8549
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v7	0.8543
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v7	0.859
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v7	0.8033
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v7	0.8312
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v7	0.8618
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v7	0.8537
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v7	0.9067
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v7	0.9383
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v7	0.9351
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v7	0.9391
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v7	0.9345
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v7	0.9206
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v7	0.9402

Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v7	0.9081
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v7	0.9102
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v7	0.9424
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v7	0.9116
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v7	0.9192
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v7	0.9116
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v7	0.9182
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v7	0.9043
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v7	0.9053
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v7	0.906
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v7	0.9053
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v7	0.915
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v7	0.915
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v7	0.9071
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v7	0.9071
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v7	0.9071
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v7	0.9431
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v7	0.9445
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v7	0.9445
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v7	0.9241
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v7	0.9241
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v7	0.9524
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v7	0.9524
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v7	0.9569
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v7	0.9572
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v7	0.9572
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v7	0.9377
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v7	0.9377
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v7	0.9572
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v7	0.959
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v7	0.959
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v7	0.9377
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v7	0.9377
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v7	0.9527
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v7	0.9569
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v7	0.9447
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v7	0.9447
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v7	0.9524
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v7	0.9572
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v7	0.9527
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v7	0.9527
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v7	0.9527
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v7	0.9572
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v7	0.9569
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v7	0.9754
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v7	0.8818
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v7	0.8903
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v7	0.9348
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v7	0.891
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v7	0.9182
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v7	0.9104
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v7	0.9097
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v7	0.9308
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v7	0.8903
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v7	0.9406
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v7	0.8774
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v7	0.9207
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v7	0.938
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v7	0.9312
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v7	0.9312
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v7	0.9398
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v7	0.9155
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v7	0.9126
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v7	0.9126
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v7	0.9464
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v7	0.9061
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v7	0.917
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v7	0.9263
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v7	0.9131
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v7	0.9163
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v7	0.9164
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v7	0.9167
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v7	0.9405
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v7	0.9167
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v7	0.9092
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v7	0.9263
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v7	1
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v7	0.9138
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v7	0.944
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v7	0.9355
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v7	0.9348
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v7	0.9048
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v7	0.9432
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v7	0.9074
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v7	0.9071
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v7	0.9469
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v7	0.9241
Listeria_monocytogenes_1639_v7	Listeria_monocytogenes_1639_v7	0.0702
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v80	0.8739
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v80	0.8732
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v80	0.8783

Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v80	0.8183
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v80	0.8286
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v80	0.8802
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v80	0.881
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v80	0.9434
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v80	0.9413
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v80	0.9465
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v80	0.9437
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v80	0.9355
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v80	0.9601
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v80	0.9406
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v80	0.9448
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v80	0.9319
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v80	0.9333
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v80	0.9501
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v80	0.9314
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v80	0.9501
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v80	0.9508
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v80	0.9439
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v80	0.945
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v80	0.9442
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v80	0.945
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v80	0.946
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v80	0.946
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v80	0.948
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v80	0.948
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v80	0.948
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v80	0.9413
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v80	0.9425
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v80	0.9425
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v80	0.9769
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v80	0.9769
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v80	0.9299
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v80	0.9299
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v80	0.9351
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v80	0.9332
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v80	0.9354
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v80	0.9483
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v80	0.9483
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v80	0.9354
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v80	0.9354
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v80	0.9354
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v80	0.9407
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v80	0.9407
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v80	0.9309
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v80	0.9354
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v80	0.9479
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v80	0.9479
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v80	0.9306
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v80	0.9354
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v80	0.9309
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v80	0.9309
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v80	0.9309
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v80	0.9354
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v80	0.9351
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v80	0.9333
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v80	0.8947
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v80	0.9159
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v80	0.9467
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v80	0.9166
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v80	0.9512
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v80	0.9392
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v80	0.9458
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v80	0.9403
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v80	0.9162
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v80	0.9399
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v80	0.9006
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v80	0.9618
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v80	0.9411
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v80	0.9446
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v80	0.945
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v80	0.9444
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v80	0.9529
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v80	0.9458
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v80	0.9458
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v80	0.933
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v80	0.9494
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v80	0.94
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v80	0.9369
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v80	0.9421
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v80	0.9393
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v80	0.9393
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v80	0.9393
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v80	0.9354
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v80	0.9385
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v80	0.9504
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v80	0.9369
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v80	0.9241
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v80	0.9525
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v80	0.9416
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v80	0.944

Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v80	0.9429
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v80	0.9462
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v80	0.9418
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v80	0.9472
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v80	0.9468
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v80	0.9393
Listeria_monocytogenes_1639_v80	Listeria_monocytogenes_1639_v80	0.068
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v81	0.8707
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v81	0.8701
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v81	0.8797
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v81	0.8207
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v81	0.8452
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v81	0.8759
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v81	0.8775
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v81	0.922
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v81	0.9546
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v81	0.953
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v81	0.9555
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v81	0.9263
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v81	0.9418
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v81	0.9605
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v81	0.9234
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v81	0.9297
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v81	0.953
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v81	0.9286
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v81	0.9338
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v81	0.9286
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v81	0.9346
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v81	0.919
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v81	0.9201
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v81	0.9208
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v81	0.9201
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v81	0.934
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v81	0.934
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v81	0.9219
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v81	0.9219
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v81	0.9219
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v81	0.9612
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v81	0.9623
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v81	0.9623
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v81	0.9391
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v81	0.9391
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v81	0.9551
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v81	0.9551
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v81	0.9604
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v81	0.9611
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v81	0.9607
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v81	0.9597
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v81	0.9597
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v81	0.9607
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v81	0.9604
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v81	0.9604
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v81	0.9523
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v81	0.9523
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v81	0.9558
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v81	0.9604
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v81	0.9555
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v81	0.9555
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v81	0.9555
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v81	0.9607
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v81	0.9558
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v81	0.9558
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v81	0.9558
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v81	0.9607
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v81	0.9604
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v81	0.9604
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v81	0.9
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v81	0.9109
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v81	0.9535
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v81	0.9116
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v81	0.9346
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v81	0.9263
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v81	0.9259
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v81	0.9538
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v81	0.9109
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v81	0.962
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v81	0.8948
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v81	0.9423
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v81	0.9763
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v81	0.9485
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v81	0.9485
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v81	0.9562
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v81	0.9341
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v81	0.9285
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v81	0.9285
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v81	0.9504
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v81	0.9301
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v81	0.9275
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v81	0.9482
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v81	0.9325
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v81	0.926

Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v81	0.9261
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v81	0.9264
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v81	0.9444
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v81	0.9286
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v81	0.9263
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v81	0.9482
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v81	0.9469
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v81	0.9356
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v81	0.9578
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v81	0.9527
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v81	0.9524
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v81	0.9187
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v81	0.9629
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v81	0.9222
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v81	0.9219
Listeria_monocytogenes_1639_v81	Listeria_monocytogenes_1639_v81	0.0684
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v82	0.8822
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v82	0.8818
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v82	0.8778
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v82	0.8227
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v82	0.8245
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v82	0.8839
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v82	0.8791
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v82	0.9687
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v82	0.9235
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v82	0.9375
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v82	0.9273
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v82	0.9338
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v82	0.9384
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v82	0.9202
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v82	0.9698
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v82	0.9305
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v82	0.9131
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v82	0.9651
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v82	0.914
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v82	0.9651
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v82	0.9605
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v82	0.975
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v82	0.9761
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v82	0.9753
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v82	0.9761
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v82	0.9674
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v82	0.9674
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v82	0.975
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v82	0.975
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v82	0.975
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v82	0.9202
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v82	0.921
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v82	0.921
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v82	0.9436
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v82	0.9436
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v82	0.9113
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v82	0.9113
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v82	0.9156
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v82	0.9152
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v82	0.9156
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v82	0.9292
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v82	0.9296
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v82	0.9156
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v82	0.9159
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v82	0.9159
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v82	0.9348
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v82	0.9348
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v82	0.9119
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v82	0.916
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v82	0.9297
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v82	0.9297
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v82	0.9244
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v82	0.9156
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v82	0.9119
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v82	0.9119
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v82	0.9119
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v82	0.9156
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v82	0.9156
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v82	0.9145
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v82	0.888
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v82	0.9098
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v82	0.9278
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v82	0.9101
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v82	0.9609
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v82	0.9479
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v82	0.983
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v82	0.9323
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v82	0.9094
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v82	0.9181
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v82	0.911
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v82	0.9465
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v82	0.9363
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v82	0.935
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v82	0.9353
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v82	0.928

Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v82	0.9606
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v82	0.9875
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v82	0.9871
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v82	0.9156
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v82	0.9297
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v82	0.9472
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v82	0.9281
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v82	0.9591
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v82	0.9476
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v82	0.9476
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v82	0.948
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v82	0.9152
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v82	0.9476
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v82	0.9617
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v82	0.9281
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v82	0.9071
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v82	0.9673
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v82	0.9208
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v82	0.9267
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v82	0.9263
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v82	0.975
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v82	0.927
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v82	0.9993
Listeria_monocytogenes_1639_v82	Listeria_monocytogenes_1639_v82	0.0688
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v83	0.8825
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v83	0.8821
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v83	0.8781
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v83	0.8229
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v83	0.8247
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v83	0.8842
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v83	0.8794
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v83	0.9695
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v83	0.9238
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v83	0.9382
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v83	0.9276
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v83	0.9342
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v83	0.9391
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v83	0.9206
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v83	0.9706
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v83	0.9308
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v83	0.9134
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v83	0.9658
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v83	0.9144
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v83	0.9658
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v83	0.9612
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v83	0.9757
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v83	0.9768
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v83	0.9761
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v83	0.9768
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v83	0.9677
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v83	0.9677
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v83	0.9757
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v83	0.9757
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v83	0.9757
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v83	0.9205
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v83	0.9213
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v83	0.9213
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v83	0.9439
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v83	0.9439
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v83	0.9116
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v83	0.9116
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v83	0.9159
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v83	0.9155
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v83	0.9159
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v83	0.9299
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v83	0.9303
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v83	0.9159
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v83	0.9162
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v83	0.9162
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v83	0.9355
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v83	0.9355
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v83	0.9122
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v83	0.9163
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v83	0.93
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v83	0.93
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v83	0.9247
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v83	0.9159
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v83	0.9122
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v83	0.9122
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v83	0.9122
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v83	0.9159
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v83	0.9159
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v83	0.9148
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v83	0.8887
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v83	0.9105
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v83	0.9281
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v83	0.9108
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v83	0.9616
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v83	0.9483
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v83	0.9837
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v83	0.933

Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v83	0.9101
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v83	0.9184
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v83	0.9117
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v83	0.9472
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v83	0.9366
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v83	0.9353
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v83	0.9357
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v83	0.9283
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v83	0.9613
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v83	0.9883
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v83	0.9879
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v83	0.9163
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v83	0.93
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v83	0.9479
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v83	0.9284
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v83	0.9599
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v83	0.9483
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v83	0.9483
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v83	0.9487
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v83	0.9155
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v83	0.9483
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v83	0.9624
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v83	0.9284
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v83	0.9074
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v83	0.9676
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v83	0.9215
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v83	0.927
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v83	0.9266
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v83	0.9754
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v83	0.9277
Listeria_monocytogenes_1639_v83	Listeria_monocytogenes_1639_v83	0.0689
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v84	0.87
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v84	0.8694
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v84	0.8756
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v84	0.8222
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v84	0.8384
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v84	0.8741
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v84	0.8761
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v84	0.926
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v84	0.9616
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v84	0.9533
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v84	0.9615
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v84	0.9258
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v84	0.9439
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v84	0.9638
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v84	0.9274
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v84	0.9315
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v84	0.9566
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v84	0.9334
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v84	0.9443
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v84	0.9334
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v84	0.9409
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v84	0.923
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v84	0.924
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v84	0.9247
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v84	0.924
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v84	0.9373
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v84	0.9373
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v84	0.9255
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v84	0.9255
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v84	0.9255
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v84	0.9604
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v84	0.9615
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v84	0.9615
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v84	0.939
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v84	0.939
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v84	0.9517
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v84	0.9517
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v84	0.9562
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v84	0.9554
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v84	0.9569
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v84	0.966
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v84	0.966
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v84	0.9569
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v84	0.9558
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v84	0.9558
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v84	0.9576
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v84	0.9576
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v84	0.9524
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v84	0.9566
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v84	0.9565
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v84	0.9565
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v84	0.9546
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v84	0.9569
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v84	0.9524
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v84	0.9524
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v84	0.9524
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v84	0.9569
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v84	0.9566
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v84	0.9544
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v84	0.9046

Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v84	0.9126
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v84	0.9582
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v84	0.9132
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v84	0.9409
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v84	0.9299
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v84	0.9272
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v84	0.9519
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v84	0.9129
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v84	0.959
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v84	0.8972
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v84	0.9445
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v84	0.9553
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v84	0.954
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v84	0.954
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v84	0.9618
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v84	0.937
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v84	0.9325
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v84	0.9325
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v84	0.9481
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v84	0.9288
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v84	0.9314
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v84	0.9533
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v84	0.9388
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v84	0.9296
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v84	0.9296
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v84	0.93
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v84	0.9417
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v84	0.9311
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v84	0.9306
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v84	0.9533
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v84	0.9432
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v84	0.9359
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v84	0.9667
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v84	0.9563
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v84	0.9556
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v84	0.923
Listeria_monocytogenes_1639_v84	Listeria_monocytogenes_1639_v84	0.0796
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v85	0.8806
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v85	0.8803
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v85	0.8731
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v85	0.8212
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v85	0.8245
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v85	0.8831
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v85	0.8805
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v85	0.9842
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v85	0.9169
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v85	0.9347
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v85	0.9214
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v85	0.9336
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v85	0.9416
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v85	0.9212
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v85	0.9853
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v85	0.9288
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v85	0.9141
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v85	0.9799
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v85	0.9082
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v85	0.9799
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v85	0.9602
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v85	0.9914
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v85	0.9926
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v85	0.9914
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v85	0.9926
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v85	0.961
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v85	0.961
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v85	0.9933
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v85	0.9933
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v85	0.9933
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v85	0.9215
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v85	0.9219
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v85	0.9219
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v85	0.9441
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v85	0.9441
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v85	0.9094
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v85	0.9094
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v85	0.914
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v85	0.9128
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v85	0.914
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v85	0.9253
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v85	0.9256
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v85	0.914
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v85	0.9146
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v85	0.9146
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v85	0.9319
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v85	0.9319
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v85	0.91
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v85	0.9143
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v85	0.9257
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v85	0.9257
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v85	0.9228
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v85	0.914
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v85	0.91

Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v85	0.91
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v85	0.91
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v85	0.914
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v85	0.914
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v85	0.9118
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v85	0.8876
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v85	0.9104
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v85	0.9269
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v85	0.9107
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v85	0.9606
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v85	0.947
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v85	0.9712
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v85	0.9298
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v85	0.91
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v85	0.9194
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v85	0.9097
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v85	0.9447
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v85	0.9307
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v85	0.9378
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v85	0.9381
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v85	0.9222
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v85	0.9611
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v85	0.9702
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v85	0.9698
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v85	0.914
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v85	0.927
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v85	0.947
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v85	0.9223
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v85	0.9581
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v85	0.947
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v85	0.947
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v85	0.9474
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v85	0.9146
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v85	0.9477
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v85	0.9773
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v85	0.9223
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v85	0.9048
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v85	0.9613
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v85	0.9206
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v85	0.9213
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v85	0.9209
Listeria_monocytogenes_1639_v85	Listeria_monocytogenes_1639_v85	0.0654
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v86	0.869
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v86	0.8687
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v86	0.8718
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v86	0.8126
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v86	0.8289
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v86	0.87
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v86	0.8755
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v86	0.9174
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v86	0.9746
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v86	0.9563
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v86	0.9752
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v86	0.9214
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v86	0.9368
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v86	0.9506
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v86	0.9185
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v86	0.93
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v86	0.9436
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v86	0.924
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v86	0.9633
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v86	0.924
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v86	0.9307
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v86	0.9223
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v86	0.9234
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v86	0.9237
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v86	0.9234
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v86	0.9294
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v86	0.9294
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v86	0.9226
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v86	0.9226
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v86	0.9226
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v86	0.9547
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v86	0.9547
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v86	0.9547
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v86	0.942
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v86	0.942
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v86	0.9428
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v86	0.9428
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v86	0.9484
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v86	0.948
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v86	0.9484
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v86	0.9561
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v86	0.9565
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v86	0.9484
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v86	0.9483
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v86	0.9483
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v86	0.9605
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v86	0.9605
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v86	0.9439
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v86	0.9484

Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v86	0.981
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v86	0.981
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v86	0.9445
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v86	0.9484
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v86	0.9439
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v86	0.9439
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v86	0.9439
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v86	0.9484
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v86	0.9484
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v86	0.9466
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v86	0.9033
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v86	0.9124
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v86	0.957
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v86	0.9127
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v86	0.9307
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v86	0.9189
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v86	0.9295
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v86	0.947
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v86	0.9124
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v86	0.9518
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v86	0.8963
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v86	0.9422
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v86	0.9483
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v86	0.9536
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v86	0.9536
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v86	0.976
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v86	0.9294
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v86	0.9254
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v86	0.925
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v86	0.9499
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v86	0.9271
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v86	0.9189
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v86	0.9484
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v86	0.9261
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v86	0.9186
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v86	0.9186
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v86	0.9193
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v86	0.941
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v86	0.9201
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v86	0.931
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v86	0.9484
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v86	0.9348
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v86	0.9337
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v86	0.9606
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v86	0.9981
Listeria_monocytogenes_1639_v86	Listeria_monocytogenes_1639_v86	0.0786
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v87	0.8694
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v87	0.8687
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v87	0.8722
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v87	0.8133
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v87	0.8289
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v87	0.87
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v87	0.8758
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v87	0.9178
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v87	0.9753
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v87	0.9566
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v87	0.976
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v87	0.9218
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v87	0.9379
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v87	0.951
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v87	0.9192
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v87	0.9304
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v87	0.944
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v87	0.9247
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v87	0.9633
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v87	0.9247
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v87	0.9315
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v87	0.9227
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v87	0.9238
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v87	0.9245
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v87	0.9238
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v87	0.9297
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v87	0.9297
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v87	0.9234
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v87	0.9234
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v87	0.9234
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v87	0.9551
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v87	0.9554
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v87	0.9554
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v87	0.9427
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v87	0.9427
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v87	0.9432
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v87	0.9432
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v87	0.9487
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v87	0.9487
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v87	0.9491
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v87	0.9565
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v87	0.9565
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v87	0.9491
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v87	0.9487
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v87	0.9487

Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v87	0.9605
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v87	0.9605
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v87	0.9442
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v87	0.9487
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v87	0.9814
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v87	0.9814
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v87	0.9445
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v87	0.9491
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v87	0.9442
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v87	0.9442
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v87	0.9442
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v87	0.9491
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v87	0.9487
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v87	0.9469
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v87	0.9033
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v87	0.9127
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v87	0.9574
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v87	0.9134
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v87	0.9315
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v87	0.9196
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v87	0.9299
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v87	0.9473
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v87	0.9131
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v87	0.9522
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v87	0.8959
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v87	0.9429
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v87	0.9479
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v87	0.9536
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v87	0.9536
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v87	0.9767
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v87	0.9298
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v87	0.9258
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v87	0.9257
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v87	0.9506
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v87	0.9278
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v87	0.9196
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v87	0.9484
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v87	0.9265
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v87	0.9193
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v87	0.9193
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v87	0.9197
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v87	0.9413
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v87	0.9208
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v87	0.9318
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v87	0.9484
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v87	0.9355
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v87	0.934
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v87	0.9613
Listeria_monocytogenes_1639_v87	Listeria_monocytogenes_1639_v87	0.0779
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v88	0.87
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v88	0.8694
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v88	0.879
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v88	0.8227
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v88	0.8355
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v88	0.8771
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v88	0.8738
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v88	0.9228
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v88	0.967
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v88	0.9542
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v88	0.9657
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v88	0.9234
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v88	0.9426
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v88	0.9635
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v88	0.9242
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v88	0.9328
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v88	0.9564
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v88	0.9294
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v88	0.949
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v88	0.9294
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v88	0.9342
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v88	0.9194
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v88	0.9205
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v88	0.9212
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v88	0.9205
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v88	0.9302
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v88	0.9302
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v88	0.9223
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v88	0.9223
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v88	0.9223
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v88	0.9597
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v88	0.9605
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v88	0.9605
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v88	0.938
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v88	0.938
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v88	0.9511
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v88	0.9511
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v88	0.9556
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v88	0.9548
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v88	0.9563
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v88	0.9594
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v88	0.9594

Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v88	0.9563
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v88	0.9563
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v88	0.9563
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v88	0.9783
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v88	0.9783
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v88	0.9517
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v88	0.956
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v88	0.9656
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v88	0.9656
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v88	0.954
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v88	0.9563
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v88	0.9517
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v88	0.9517
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v88	0.9517
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v88	0.9563
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v88	0.956
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v88	0.9534
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v88	0.9041
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v88	0.9072
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v88	0.9565
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v88	0.9079
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v88	0.9342
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v88	0.9271
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v88	0.9211
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v88	0.9512
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v88	0.9076
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v88	0.9583
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v88	0.9005
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v88	0.9416
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v88	0.9516
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v88	0.9545
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v88	0.9545
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v88	0.9664
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v88	0.9341
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v88	0.927
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v88	0.927
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v88	0.9472
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v88	0.9272
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v88	0.9275
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v88	0.949
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v88	0.9307
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v88	0.9272
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v88	0.9272
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v88	0.9272
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v88	0.9415
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v88	0.9275
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v88	0.9244
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v88	0.949
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v88	0.944
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v88	0.9312
Listeria_monocytogenes_1639_v88	Listeria_monocytogenes_1639_v88	0.0684
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v89	0.8813
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v89	0.881
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v89	0.8873
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v89	0.8292
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v89	0.8319
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v89	0.8923
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v89	0.8888
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v89	0.9594
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v89	0.9331
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v89	0.9436
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v89	0.937
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v89	0.9435
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v89	0.9448
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v89	0.9309
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v89	0.9601
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v89	0.9381
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v89	0.9236
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v89	0.966
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v89	0.9218
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v89	0.966
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v89	0.9675
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v89	0.9617
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v89	0.9628
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v89	0.962
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v89	0.9628
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v89	0.9725
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v89	0.9725
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v89	0.9639
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v89	0.9639
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v89	0.9639
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v89	0.9298
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v89	0.9298
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v89	0.9298
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v89	0.9492
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v89	0.9492
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v89	0.9233
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v89	0.9233
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v89	0.9277
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v89	0.9269
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v89	0.9277

Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v89	0.9378
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v89	0.9382
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v89	0.9277
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v89	0.9284
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v89	0.9284
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v89	0.9435
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v89	0.9435
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v89	0.9239
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v89	0.928
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v89	0.939
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v89	0.939
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v89	0.9363
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v89	0.9277
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v89	0.9239
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v89	0.9239
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v89	0.9239
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v89	0.9277
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v89	0.9277
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v89	0.9247
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v89	0.8953
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v89	0.9136
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v89	0.9344
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v89	0.914
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v89	0.9678
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v89	0.9543
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v89	0.9627
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v89	0.9363
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v89	0.9133
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v89	0.9291
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v89	0.9138
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v89	0.9537
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v89	0.9473
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v89	0.9451
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v89	0.9455
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v89	0.9377
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v89	0.9706
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v89	0.968
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v89	0.9676
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v89	0.9217
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v89	0.937
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v89	0.9588
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v89	0.9381
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v89	0.9638
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v89	0.9551
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v89	0.9551
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v89	0.9555
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v89	0.9257
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v89	0.9615
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v89	0.9614
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v89	0.9381
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v89	0.9138
Listeria_monocytogenes_1639_v89	Listeria_monocytogenes_1639_v89	0.0675
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v8	0.8549
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v8	0.8543
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v8	0.859
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v8	0.8033
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v8	0.8312
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v8	0.8618
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v8	0.8537
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v8	0.9067
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v8	0.9383
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v8	0.9351
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v8	0.9391
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v8	0.9345
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v8	0.9206
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v8	0.9402
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v8	0.9081
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v8	0.9102
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v8	0.9424
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v8	0.9116
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v8	0.9192
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v8	0.9116
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v8	0.9182
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v8	0.9043
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v8	0.9053
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v8	0.906
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v8	0.9053
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v8	0.915
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v8	0.915
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v8	0.9071
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v8	0.9071
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v8	0.9071
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v8	0.9431
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v8	0.9445
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v8	0.9445
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v8	0.9241
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v8	0.9241
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v8	0.9524
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v8	0.9524
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v8	0.9569
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v8	0.9572

Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v8	0.9572
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v8	0.9377
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v8	0.9377
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v8	0.9572
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v8	0.959
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v8	0.959
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v8	0.9377
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v8	0.9377
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v8	0.9527
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v8	0.9569
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v8	0.9447
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v8	0.9447
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v8	0.9524
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v8	0.9572
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v8	0.9527
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v8	0.9527
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v8	0.9527
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v8	0.9572
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v8	0.9569
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v8	0.9754
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v8	0.8818
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v8	0.8903
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v8	0.9348
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v8	0.891
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v8	0.9182
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v8	0.9104
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v8	0.9097
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v8	0.9308
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v8	0.8903
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v8	0.9406
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v8	0.8774
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v8	0.9207
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v8	0.938
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v8	0.9312
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v8	0.9312
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v8	0.9398
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v8	0.9155
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v8	0.9126
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v8	0.9126
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v8	0.9464
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v8	0.9061
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v8	0.917
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v8	0.9263
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v8	0.9131
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v8	0.9163
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v8	0.9164
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v8	0.9167
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v8	0.9405
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v8	0.9167
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v8	0.9092
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v8	0.9263
Listeria_monocytogenes_1639_v8	Listeria_monocytogenes_1639_v8	0.0699
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v90	0.8613
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v90	0.8606
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v90	0.8743
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v90	0.8185
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v90	0.8306
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v90	0.8683
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v90	0.8768
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v90	0.9189
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v90	0.9435
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v90	0.9554
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v90	0.9459
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v90	0.9213
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v90	0.927
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v90	0.9483
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v90	0.9202
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v90	0.9315
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v90	0.941
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v90	0.9258
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v90	0.9336
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v90	0.9258
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v90	0.934
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v90	0.9222
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v90	0.9233
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v90	0.924
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v90	0.9233
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v90	0.9293
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v90	0.9293
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v90	0.9248
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v90	0.9248
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v90	0.9248
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v90	0.948
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v90	0.9487
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v90	0.9487
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v90	0.9408
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v90	0.9408
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v90	0.9442
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v90	0.9442
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v90	0.9406
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v90	0.9402

Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v90	0.9409
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v90	0.9444
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v90	0.9444
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v90	0.9409
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v90	0.9409
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v90	0.9409
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v90	0.949
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v90	0.949
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v90	0.9453
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v90	0.9406
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v90	0.9504
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v90	0.9504
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v90	0.9478
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v90	0.9409
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v90	0.9453
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v90	0.9453
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v90	0.9453
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v90	0.9409
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v90	0.9406
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v90	0.9362
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v90	0.9047
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v90	0.9086
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v90	0.9492
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v90	0.9093
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v90	0.934
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v90	0.9254
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v90	0.9224
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v90	0.9603
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v90	0.9089
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v90	0.9462
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v90	0.8973
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v90	0.929
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v90	0.949
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v90	0.9573
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v90	0.9573
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v90	0.9466
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v90	0.929
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v90	0.9261
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v90	0.926
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v90	0.9429
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v90	0.9266
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v90	0.9281
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v90	0.9993
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v90	0.9339
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v90	0.9263
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v90	0.9263
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v90	0.9266
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v90	0.9254
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v90	0.9277
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v90	0.9239
Listeria_monocytogenes_1639_v90	Listeria_monocytogenes_1639_v90	0.0728
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v91	0.8784
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v91	0.8777
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v91	0.8717
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v91	0.8206
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v91	0.8266
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v91	0.8802
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v91	0.8802
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v91	0.9711
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v91	0.9263
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v91	0.9347
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v91	0.9294
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v91	0.9348
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v91	0.9473
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v91	0.9257
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v91	0.9726
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v91	0.9273
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v91	0.9189
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v91	0.9784
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v91	0.9121
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v91	0.9784
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v91	0.9602
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v91	0.9781
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v91	0.9792
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v91	0.9803
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v91	0.9795
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v91	0.9599
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v91	0.9599
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v91	0.9795
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v91	0.9795
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v91	0.9795
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v91	0.9283
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v91	0.9287
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v91	0.9287
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v91	0.9497
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v91	0.9497
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v91	0.9164
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v91	0.9164
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v91	0.9214
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v91	0.9217
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v91	0.9212

Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v91	0.9321
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v91	0.9321
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v91	0.9218
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v91	0.9214
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v91	0.9214
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v91	0.9305
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v91	0.9305
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v91	0.9174
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v91	0.9218
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v91	0.931
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v91	0.931
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v91	0.9228
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v91	0.9218
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v91	0.9174
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v91	0.9174
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v91	0.9174
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v91	0.9218
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v91	0.9214
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v91	0.9185
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v91	0.887
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v91	0.9168
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v91	0.9321
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v91	0.9174
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v91	0.9606
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v91	0.944
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v91	0.9705
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v91	0.9273
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v91	0.9167
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v91	0.9269
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v91	0.9072
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v91	0.9497
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v91	0.9301
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v91	0.9352
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v91	0.9356
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v91	0.9301
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v91	0.9581
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v91	0.9578
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v91	0.9578
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v91	0.9214
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v91	0.9336
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v91	0.9452
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v91	0.9239
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v91	0.9586
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v91	0.9448
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v91	0.9449
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v91	0.9448
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v91	0.9199
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v91	0.9459
Listeria_monocytogenes_1639_v91	Listeria_monocytogenes_1639_v91	0.0698
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v92	0.8688
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v92	0.8682
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v92	0.8743
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v92	0.8271
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v92	0.833
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v92	0.8823
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v92	0.8805
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v92	0.9487
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v92	0.9224
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v92	0.9277
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v92	0.9261
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v92	0.9409
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v92	0.9343
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v92	0.9262
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v92	0.9501
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v92	0.9286
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v92	0.9279
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v92	0.9558
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v92	0.9085
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v92	0.9558
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v92	0.9577
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v92	0.9481
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v92	0.9491
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v92	0.9491
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v92	0.9495
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v92	0.9547
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v92	0.9547
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v92	0.9506
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v92	0.9506
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v92	0.9506
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v92	0.9258
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v92	0.9262
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v92	0.9262
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v92	0.9372
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v92	0.9372
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v92	0.9173
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v92	0.9173
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v92	0.9212
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v92	0.9208
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v92	0.9215
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v92	0.9255
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v92	0.9251

Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v92	0.9215
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v92	0.9219
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v92	0.9219
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v92	0.9329
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v92	0.9329
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v92	0.9179
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v92	0.9216
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v92	0.9256
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v92	0.9256
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v92	0.9293
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v92	0.9215
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v92	0.9179
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v92	0.9179
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v92	0.9179
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v92	0.9215
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v92	0.9212
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v92	0.9246
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v92	0.8832
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v92	0.9033
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v92	0.9208
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v92	0.904
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v92	0.958
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v92	0.9748
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v92	0.9418
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v92	0.9285
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v92	0.9033
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v92	0.9241
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v92	0.9029
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v92	0.94
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v92	0.9332
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v92	0.9301
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v92	0.9305
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v92	0.9269
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v92	0.9627
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v92	0.9511
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v92	0.9511
Listeria_monocytogenes_G179_1288295	Listeria_monocytogenes_1639_v92	0.9208
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v92	0.9246
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v92	0.9948
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v92	0.9277
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v92	0.9605
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v92	0.9915
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v92	0.9915
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v92	0.9919
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v92	0.9167
Listeria_monocytogenes_1639_v92	Listeria_monocytogenes_1639_v92	0.071
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v93	0.8621
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v93	0.8618
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v93	0.8731
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v93	0.8022
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v93	0.8267
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v93	0.874
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v93	0.8649
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v93	0.9223
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v93	0.949
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v93	0.9414
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v93	0.9507
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v93	0.9296
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v93	0.9356
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v93	0.9438
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v93	0.9233
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v93	0.9242
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v93	0.9461
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v93	0.9285
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v93	0.9276
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v93	0.9285
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v93	0.928
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v93	0.9145
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v93	0.9156
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v93	0.9152
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v93	0.9156
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v93	0.9263
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v93	0.9263
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v93	0.916
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v93	0.916
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v93	0.916
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v93	0.9449
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v93	0.9449
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v93	0.9449
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v93	0.9304
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v93	0.9304
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v93	0.9307
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v93	0.9307
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v93	0.9361
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v93	0.9346
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v93	0.9361
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v93	0.956
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v93	0.9563
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v93	0.9361
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v93	0.9368
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v93	0.9368

Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v93	0.9493
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v93	0.9493
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v93	0.9317
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v93	0.9361
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v93	0.9462
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v93	0.9462
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v93	0.9321
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v93	0.9361
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v93	0.9317
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v93	0.9317
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v93	0.9317
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v93	0.9361
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v93	0.9361
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v93	0.9486
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v93	0.8973
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v93	0.8999
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v93	0.9421
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v93	0.9003
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v93	0.928
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v93	0.9108
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v93	0.9162
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v93	0.9351
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v93	0.8996
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v93	0.9439
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v93	0.8912
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v93	0.9383
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v93	0.9478
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v93	0.9407
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v93	0.9407
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v93	0.9514
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v93	0.9298
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v93	0.9246
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v93	0.9242
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v93	0.9541
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v93	0.914
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v93	0.9171
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v93	0.9254
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v93	0.9186
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v93	0.916
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v93	0.9161
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v93	0.9164
Listeria_monocytogenes_1639_v93	Listeria_monocytogenes_1639_v93	0.0749
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v94	0.8673
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v94	0.867
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v94	0.8743
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v94	0.8284
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v94	0.8318
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v94	0.8823
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v94	0.8794
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v94	0.9487
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v94	0.9205
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v94	0.9277
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v94	0.9247
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v94	0.9405
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v94	0.9336
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v94	0.9248
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v94	0.9497
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v94	0.9286
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v94	0.9264
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v94	0.9555
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v94	0.9054
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v94	0.9555
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v94	0.9573
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v94	0.9477
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v94	0.9488
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v94	0.9484
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v94	0.9491
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v94	0.9547
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v94	0.9547
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v94	0.9488
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v94	0.9488
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v94	0.9488
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v94	0.927
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v94	0.9277
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v94	0.9277
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v94	0.9372
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v94	0.9372
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v94	0.9158
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v94	0.9158
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v94	0.9201
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v94	0.9193
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v94	0.9201
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v94	0.9244
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v94	0.9244
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v94	0.9201
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v94	0.9208
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v94	0.9208
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v94	0.9325
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v94	0.9325
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v94	0.9165
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v94	0.9205

Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v94	0.9241
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v94	0.9241
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v94	0.9282
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v94	0.9201
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v94	0.9165
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v94	0.9165
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v94	0.9165
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v94	0.9201
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v94	0.9201
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v94	0.9257
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v94	0.8825
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v94	0.9011
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v94	0.9215
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v94	0.9014
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v94	0.9577
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v94	0.9815
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v94	0.9403
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v94	0.9278
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v94	0.9007
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v94	0.923
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v94	0.9029
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v94	0.9404
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v94	0.9332
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v94	0.9282
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v94	0.9286
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v94	0.9254
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v94	0.9627
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v94	0.9511
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v94	0.9507
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v94	0.9186
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v94	0.9236
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v94	0.9959
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v94	0.9266
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v94	0.9594
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v94	0.9993
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v94	0.9989
Listeria_monocytogenes_1639_v94	Listeria_monocytogenes_1639_v94	0.0721
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v95	0.867
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v95	0.8664
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v95	0.8736
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v95	0.828
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v95	0.8312
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v95	0.882
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v95	0.8791
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v95	0.9483
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v95	0.9202
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v95	0.9274
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v95	0.9243
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v95	0.9402
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v95	0.9336
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v95	0.9244
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v95	0.9498
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v95	0.9279
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v95	0.9261
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v95	0.9555
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v95	0.9048
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v95	0.9555
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v95	0.9569
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v95	0.9473
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v95	0.9484
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v95	0.9484
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v95	0.9488
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v95	0.954
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v95	0.954
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v95	0.9488
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v95	0.9488
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v95	0.9488
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v95	0.9266
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v95	0.9278
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v95	0.9278
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v95	0.9369
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v95	0.9369
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v95	0.9152
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v95	0.9152
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v95	0.9194
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v95	0.919
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v95	0.9198
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v95	0.9244
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v95	0.9241
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v95	0.9198
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v95	0.9201
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v95	0.9201
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v95	0.9322
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v95	0.9322
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v95	0.9158
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v95	0.9198
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v95	0.9234
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v95	0.9234
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v95	0.9275
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v95	0.9198
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v95	0.9158

Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v95	0.9158
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v95	0.9158
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v95	0.9198
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v95	0.9194
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v95	0.925
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v95	0.8822
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v95	0.9004
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v95	0.9212
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v95	0.9011
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v95	0.9573
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v95	0.9819
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v95	0.94
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v95	0.9275
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v95	0.9004
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v95	0.9227
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v95	0.9022
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v95	0.9401
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v95	0.9325
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v95	0.9279
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v95	0.9283
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v95	0.925
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v95	0.9623
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v95	0.9508
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v95	0.9507
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v95	0.9186
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v95	0.9232
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v95	0.9956
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v95	0.9263
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v95	0.959
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v95	0.9993
Listeria_monocytogenes_1639_v95	Listeria_monocytogenes_1639_v95	0.072
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v96	0.867
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v96	0.8663
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v96	0.8736
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v96	0.828
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v96	0.8311
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v96	0.882
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v96	0.879
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v96	0.9483
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v96	0.9201
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v96	0.9273
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v96	0.9243
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v96	0.9401
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v96	0.9336
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v96	0.9244
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v96	0.9497
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v96	0.9279
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v96	0.9261
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v96	0.9555
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v96	0.9047
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v96	0.9555
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v96	0.9569
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v96	0.9473
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v96	0.9484
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v96	0.9484
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v96	0.9488
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v96	0.954
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v96	0.954
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v96	0.9488
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v96	0.9488
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v96	0.9488
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v96	0.9266
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v96	0.9277
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v96	0.9277
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v96	0.9369
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v96	0.9369
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v96	0.9151
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v96	0.9151
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v96	0.9194
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v96	0.919
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v96	0.9197
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v96	0.9244
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v96	0.924
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v96	0.9197
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v96	0.9201
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v96	0.9201
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v96	0.9321
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v96	0.9321
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v96	0.9158
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v96	0.9198
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v96	0.9234
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v96	0.9234
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v96	0.9275
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v96	0.9197
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v96	0.9158
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v96	0.9158
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v96	0.9158
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v96	0.9197
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v96	0.9194
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v96	0.925
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v96	0.8822

Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v96	0.9004
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v96	0.9212
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v96	0.9011
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v96	0.9573
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v96	0.9819
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v96	0.94
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v96	0.9275
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v96	0.9004
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v96	0.9226
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v96	0.9021
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v96	0.9401
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v96	0.9325
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v96	0.9279
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v96	0.9283
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v96	0.925
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v96	0.9623
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v96	0.9507
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v96	0.9507
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v96	0.9186
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v96	0.9232
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v96	0.9956
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v96	0.9263
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v96	0.959
Listeria_monocytogenes_1639_v96	Listeria_monocytogenes_1639_v96	0.0724
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v97	0.8753
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v97	0.875
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v97	0.8793
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v97	0.8311
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v97	0.8342
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v97	0.8862
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v97	0.8829
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v97	0.9637
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v97	0.9277
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v97	0.9358
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v97	0.9319
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v97	0.9419
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v97	0.9394
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v97	0.929
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v97	0.9644
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v97	0.9337
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v97	0.9217
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v97	0.9699
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v97	0.9107
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v97	0.9703
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v97	0.9672
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v97	0.9603
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v97	0.9614
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v97	0.961
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v97	0.9618
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v97	0.9658
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v97	0.9658
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v97	0.9603
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v97	0.9603
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v97	0.9603
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v97	0.9289
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v97	0.9297
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v97	0.9297
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v97	0.9375
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v97	0.9375
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v97	0.9199
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v97	0.9199
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v97	0.9246
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v97	0.9238
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v97	0.9246
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v97	0.9339
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v97	0.9339
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v97	0.9246
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v97	0.9249
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v97	0.9249
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v97	0.9388
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v97	0.9388
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v97	0.9205
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v97	0.925
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v97	0.9291
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v97	0.9291
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v97	0.9328
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v97	0.9246
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v97	0.9205
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v97	0.9205
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v97	0.9205
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v97	0.9246
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v97	0.9246
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v97	0.9228
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v97	0.891
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v97	0.9055
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v97	0.9246
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v97	0.9058
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v97	0.9676
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v97	0.9586
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v97	0.9528
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v97	0.9351

Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v97	0.9055
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v97	0.9272
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v97	0.9084
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v97	0.9509
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v97	0.9403
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v97	0.9333
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v97	0.9336
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v97	0.9327
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v97	0.9688
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v97	0.9666
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v97	0.9662
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v97	0.9216
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v97	0.9332
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v97	0.9609
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v97	0.9339
Listeria_monocytogenes_1639_v97	Listeria_monocytogenes_1639_v97	0.068
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v98	0.8613
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v98	0.8606
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v98	0.8743
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v98	0.8185
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v98	0.8306
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v98	0.8683
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v98	0.8768
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v98	0.9189
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v98	0.9435
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v98	0.9554
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v98	0.9459
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v98	0.9213
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v98	0.927
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v98	0.9483
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v98	0.9202
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v98	0.9315
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v98	0.941
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v98	0.9258
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v98	0.9336
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v98	0.9258
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v98	0.934
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v98	0.9222
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v98	0.9233
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v98	0.924
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v98	0.9233
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v98	0.9293
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v98	0.9293
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v98	0.9248
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v98	0.9248
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v98	0.9248
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v98	0.948
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v98	0.9487
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v98	0.9487
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v98	0.9408
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v98	0.9408
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v98	0.9442
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v98	0.9442
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v98	0.9406
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v98	0.9402
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v98	0.9409
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v98	0.9444
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v98	0.9444
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v98	0.9409
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v98	0.9409
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v98	0.9409
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v98	0.949
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v98	0.949
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v98	0.9453
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v98	0.9406
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v98	0.9504
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v98	0.9504
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v98	0.9478
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v98	0.9409
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v98	0.9453
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v98	0.9453
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v98	0.9453
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v98	0.9409
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v98	0.9406
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v98	0.9362
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v98	0.9047
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v98	0.9086
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v98	0.9492
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v98	0.9093
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v98	0.934
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v98	0.9254
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v98	0.9224
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v98	0.9603
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v98	0.9089
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v98	0.9462
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v98	0.8973
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v98	0.929
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v98	0.949
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v98	0.9573
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v98	0.9573
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v98	0.9466

Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v98	0.929
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v98	0.9261
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v98	0.926
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v98	0.9429
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v98	0.9266
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v98	0.9281
Listeria_monocytogenes_1639_v98	Listeria_monocytogenes_1639_v98	0.0725
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v99	0.868
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v99	0.8673
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v99	0.8746
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v99	0.8282
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v99	0.8336
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v99	0.8826
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v99	0.88
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v99	0.949
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v99	0.9223
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v99	0.9277
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v99	0.9269
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v99	0.9412
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v99	0.9335
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v99	0.9255
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v99	0.9505
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v99	0.929
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v99	0.9272
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v99	0.9562
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v99	0.9081
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v99	0.9562
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v99	0.958
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v99	0.9473
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v99	0.9484
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v99	0.9483
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v99	0.9487
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v99	0.9551
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v99	0.9551
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v99	0.9495
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v99	0.9495
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v99	0.9495
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v99	0.9262
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v99	0.9273
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v99	0.9273
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v99	0.9365
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v99	0.9365
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v99	0.9165
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v99	0.9165
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v99	0.9208
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v99	0.9204
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v99	0.9211
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v99	0.9258
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v99	0.9255
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v99	0.9211
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v99	0.9215
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v99	0.9215
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v99	0.9329
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v99	0.9329
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v99	0.9172
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v99	0.9212
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v99	0.9248
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v99	0.9248
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v99	0.9293
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v99	0.9211
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v99	0.9172
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v99	0.9172
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v99	0.9172
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v99	0.9211
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v99	0.9208
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v99	0.9249
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v99	0.8835
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v99	0.9029
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v99	0.9208
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v99	0.9036
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v99	0.9584
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v99	0.9789
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v99	0.9399
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v99	0.9274
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v99	0.9029
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v99	0.9233
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v99	0.9032
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v99	0.94
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v99	0.9336
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v99	0.9297
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v99	0.9301
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v99	0.9276
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v99	0.9631
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v99	0.9514
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v99	0.9514
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v99	0.9196
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v99	0.9239
Listeria_monocytogenes_1639_v99	Listeria_monocytogenes_1639_v99	0.0718
Listeria_welshimeri_1643	Listeria_monocytogenes_1639_v9	0.8545
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_1639_v9	0.8542
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_1639_v9	0.8608

Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_1639_v9	0.8063
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_1639_v9	0.827
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_1639_v9	0.864
Listeria_seeligeri_1640	Listeria_monocytogenes_1639_v9	0.8819
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_1639_v9	0.9232
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_1639_v9	0.9228
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_1639_v9	0.9232
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_1639_v9	0.924
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_1639_v9	0.9224
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_1639_v9	0.9423
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_1639_v9	0.9288
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_1639_v9	0.9243
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_1639_v9	0.9075
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_1639_v9	0.9214
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_1639_v9	0.929
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_1639_v9	0.9136
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_1639_v9	0.929
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_1639_v9	0.9274
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_1639_v9	0.9262
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_1639_v9	0.9272
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_1639_v9	0.9261
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_1639_v9	0.9272
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_1639_v9	0.9287
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_1639_v9	0.9287
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_1639_v9	0.9294
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_1639_v9	0.9294
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_1639_v9	0.9294
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_1639_v9	0.9335
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_1639_v9	0.9339
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_1639_v9	0.9339
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_1639_v9	0.9451
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_1639_v9	0.9451
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_1639_v9	0.9182
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_1639_v9	0.9182
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_1639_v9	0.9227
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_1639_v9	0.9213
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_1639_v9	0.9227
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_1639_v9	0.9252
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_1639_v9	0.9255
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_1639_v9	0.9227
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_1639_v9	0.922
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_1639_v9	0.922
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_1639_v9	0.9201
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_1639_v9	0.9201
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_1639_v9	0.9191
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_1639_v9	0.9231
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_1639_v9	0.93
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_1639_v9	0.93
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_1639_v9	0.9165
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_1639_v9	0.9227
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_1639_v9	0.9191
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_1639_v9	0.9191
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_1639_v9	0.9191
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_1639_v9	0.9227
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_1639_v9	0.9227
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_1639_v9	0.9188
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_1639_v9	0.876
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_1639_v9	0.8989
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_1639_v9	0.9289
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_1639_v9	0.8993
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_1639_v9	0.9278
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_1639_v9	0.9231
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_1639_v9	0.9318
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_1639_v9	0.93
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_1639_v9	0.8986
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_1639_v9	0.9292
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_1639_v9	0.8844
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_1639_v9	0.9635
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_1639_v9	0.9178
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_1639_v9	0.926
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_1639_v9	0.9264
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_1639_v9	0.9247
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_1639_v9	0.9317
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_1639_v9	0.9266
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_1639_v9	0.9263
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_1639_v9	0.9288
Listeria_monocytogenes_1639_v9	Listeria_monocytogenes_1639_v9	0.0793
Listeria_welshimeri_1643	Listeria_monocytogenes_6179_1288295	0.8585
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_6179_1288295	0.8579
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_6179_1288295	0.8627
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_6179_1288295	0.8068
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_6179_1288295	0.8343
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_6179_1288295	0.8632
Listeria_seeligeri_1640	Listeria_monocytogenes_6179_1288295	0.8691
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_6179_1288295	0.9075
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_6179_1288295	0.9425
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_6179_1288295	0.9435
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_6179_1288295	0.9434
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_6179_1288295	0.9192
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_6179_1288295	0.9274
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_6179_1288295	0.944

Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_6179_1288295	0.9089
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_6179_1288295	0.9144
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_6179_1288295	0.9459
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_6179_1288295	0.9142
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_6179_1288295	0.9298
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_6179_1288295	0.9142
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_6179_1288295	0.9156
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_6179_1288295	0.9128
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_6179_1288295	0.9138
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_6179_1288295	0.9145
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_6179_1288295	0.9138
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_6179_1288295	0.914
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_6179_1288295	0.914
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_6179_1288295	0.9153
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_6179_1288295	0.9153
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_6179_1288295	0.9153
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_6179_1288295	0.9484
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_6179_1288295	0.948
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_6179_1288295	0.948
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_6179_1288295	0.9315
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_6179_1288295	0.9315
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_6179_1288295	0.9375
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_6179_1288295	0.9375
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_6179_1288295	0.9418
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_6179_1288295	0.941
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_6179_1288295	0.9425
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_6179_1288295	0.9445
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_6179_1288295	0.9445
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_6179_1288295	0.9425
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_6179_1288295	0.9418
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_6179_1288295	0.9418
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_6179_1288295	0.9408
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_6179_1288295	0.9408
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_6179_1288295	0.9377
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_6179_1288295	0.9422
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_6179_1288295	0.9511
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_6179_1288295	0.9511
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_6179_1288295	0.9368
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_6179_1288295	0.9425
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_6179_1288295	0.9377
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_6179_1288295	0.9377
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_6179_1288295	0.9377
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_6179_1288295	0.9425
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_6179_1288295	0.9422
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_6179_1288295	0.9506
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_6179_1288295	0.8982
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_6179_1288295	0.9085
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_6179_1288295	0.9452
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_6179_1288295	0.9092
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_6179_1288295	0.9156
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_6179_1288295	0.9134
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_6179_1288295	0.9185
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_6179_1288295	0.9536
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_6179_1288295	0.9085
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_6179_1288295	0.9444
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_6179_1288295	0.8863
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_6179_1288295	0.9319
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_6179_1288295	0.9386
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_6179_1288295	0.9424
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_6179_1288295	0.9424
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_6179_1288295	0.9441
Listeria_monocytogenes_CFSAN002349_1299895	Listeria_monocytogenes_6179_1288295	0.9156
Listeria_monocytogenes_ATCC_19117_882095_v1	Listeria_monocytogenes_6179_1288295	0.9123
Listeria_monocytogenes_ATCC_19117_882095	Listeria_monocytogenes_6179_1288295	0.9123
Listeria_monocytogenes_6179_1288295	Listeria_monocytogenes_6179_1288295	0.075
Listeria_welshimeri_1643	Listeria_monocytogenes_ATCC_19117_882095	0.891
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_ATCC_19117_882095	0.8903
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_ATCC_19117_882095	0.8875
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_ATCC_19117_882095	0.8286
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_ATCC_19117_882095	0.8299
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_ATCC_19117_882095	0.8944
Listeria_seeligeri_1640	Listeria_monocytogenes_ATCC_19117_882095	0.8813
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_ATCC_19117_882095	0.9805
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_ATCC_19117_882095	0.932
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_ATCC_19117_882095	0.9386
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_ATCC_19117_882095	0.9362
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_ATCC_19117_882095	0.9451
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_ATCC_19117_882095	0.9483
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_ATCC_19117_882095	0.9264
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_ATCC_19117_882095	0.982
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_ATCC_19117_882095	0.9417
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_ATCC_19117_882095	0.9191
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_ATCC_19117_882095	0.9773
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_ATCC_19117_882095	0.9126
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_ATCC_19117_882095	0.9773
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_ATCC_19117_882095	0.9727
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_ATCC_19117_882095	0.9705
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_ATCC_19117_882095	0.9716
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_ATCC_19117_882095	0.9712
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_ATCC_19117_882095	0.9716
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_ATCC_19117_882095	0.9789

Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_ATCC_19117_882095	0.9789
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_ATCC_19117_882095	0.9713
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_ATCC_19117_882095	0.9713
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_ATCC_19117_882095	0.9713
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_ATCC_19117_882095	0.9256
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_ATCC_19117_882095	0.9268
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_ATCC_19117_882095	0.9268
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_ATCC_19117_882095	0.9391
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_ATCC_19117_882095	0.9391
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_ATCC_19117_882095	0.9155
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_ATCC_19117_882095	0.9155
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_ATCC_19117_882095	0.9209
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_ATCC_19117_882095	0.9201
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_ATCC_19117_882095	0.9213
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_ATCC_19117_882095	0.9394
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_ATCC_19117_882095	0.9394
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_ATCC_19117_882095	0.9213
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_ATCC_19117_882095	0.9216
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_ATCC_19117_882095	0.9216
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Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_ATCC_19117_882095	0.9459
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_ATCC_19117_882095	0.9168
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_ATCC_19117_882095	0.9213
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_ATCC_19117_882095	0.9292
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_ATCC_19117_882095	0.9292
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_ATCC_19117_882095	0.9303
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_ATCC_19117_882095	0.9213
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_ATCC_19117_882095	0.9168
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_ATCC_19117_882095	0.9168
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_ATCC_19117_882095	0.9168
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_ATCC_19117_882095	0.9213
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Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_ATCC_19117_882095	0.925
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Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_ATCC_19117_882095	0.973
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Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_ATCC_19117_882095	0.9353
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Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_ATCC_19117_882095_v1	0.8303
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Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_ATCC_19117_882095_v1	0.932
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Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_ATCC_19117_882095_v1	0.9158
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_ATCC_19117_882095_v1	0.9213
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Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_EGD_1334565	0.9235
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_EGD_1334565	0.9246
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_EGD_1334565	0.9239
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_EGD_1334565	0.9422
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_EGD_1334565	0.9422
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_EGD_1334565	0.9239
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_EGD_1334565	0.9239
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_EGD_1334565	0.9239
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_EGD_1334565	0.9564
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_EGD_1334565	0.9571
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_EGD_1334565	0.9571
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_EGD_1334565	0.9397
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_EGD_1334565	0.9397
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_EGD_1334565	0.9477
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_EGD_1334565	0.9477
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_EGD_1334565	0.9522
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_EGD_1334565	0.9525
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_EGD_1334565	0.9529
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_EGD_1334565	0.9681
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_EGD_1334565	0.9681
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_EGD_1334565	0.9529
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_EGD_1334565	0.9533
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_EGD_1334565	0.9533
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_EGD_1334565	0.9734
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_EGD_1334565	0.9734
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_EGD_1334565	0.9487
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_EGD_1334565	0.9526
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_EGD_1334565	0.9792
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_EGD_1334565	0.9792
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_EGD_1334565	0.9509
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_EGD_1334565	0.9529
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_EGD_1334565	0.9487
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_EGD_1334565	0.9487
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_EGD_1334565	0.9487
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_EGD_1334565	0.9529
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_EGD_1334565	0.9526
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_EGD_1334565	0.9504
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_EGD_1334565	0.9083
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_EGD_1334565	0.9135
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_EGD_1334565	0.9538
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_EGD_1334565	0.9141
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_EGD_1334565	0.944
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_EGD_1334565	0.9253
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_EGD_1334565	0.9279
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_EGD_1334565	0.9455
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_EGD_1334565	0.9133

Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_EGD_1334565	0.9549
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_EGD_1334565	0.9083
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_EGD_1334565	0.9517
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_EGD_1334565	0.9615
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_EGD_1334565	0.9537
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_EGD_1334565	0.9537
Listeria_monocytogenes_EGD_1334565	Listeria_monocytogenes_EGD_1334565	0.0674
Listeria_welshimeri_1643	Listeria_monocytogenes_EGD-e_169963	0.875
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_EGD-e_169963	0.8746
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_EGD-e_169963	0.8832
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_EGD-e_169963	0.8224
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_EGD-e_169963	0.8306
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_EGD-e_169963	0.8828
Listeria_seeligeri_1640	Listeria_monocytogenes_EGD-e_169963	0.8836
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_EGD-e_169963	0.9344
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_EGD-e_169963	0.9505
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_EGD-e_169963	0.9653
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_EGD-e_169963	0.953
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_EGD-e_169963	0.9308
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_EGD-e_169963	0.94
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_EGD-e_169963	0.9704
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_EGD-e_169963	0.9355
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_EGD-e_169963	0.9405
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_EGD-e_169963	0.9628
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_EGD-e_169963	0.9393
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_EGD-e_169963	0.9418
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_EGD-e_169963	0.9393
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_EGD-e_169963	0.9419
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_EGD-e_169963	0.9377
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_EGD-e_169963	0.9388
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_EGD-e_169963	0.9391
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_EGD-e_169963	0.9388
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_EGD-e_169963	0.9389
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_EGD-e_169963	0.9389
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_EGD-e_169963	0.9403
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_EGD-e_169963	0.9403
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_EGD-e_169963	0.9403
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_EGD-e_169963	0.9681
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_EGD-e_169963	0.9689
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_EGD-e_169963	0.9689
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_EGD-e_169963	0.9429
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_EGD-e_169963	0.9429
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_EGD-e_169963	0.9386
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_EGD-e_169963	0.9386
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_EGD-e_169963	0.9434
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_EGD-e_169963	0.943
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_EGD-e_169963	0.9434
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_EGD-e_169963	0.9565
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_EGD-e_169963	0.9568
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Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_EGD-e_169963	0.9441
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_EGD-e_169963	0.9441
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_EGD-e_169963	0.9655
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_EGD-e_169963	0.9655
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_EGD-e_169963	0.9392
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_EGD-e_169963	0.9438
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_EGD-e_169963	0.9627
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_EGD-e_169963	0.9627
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_EGD-e_169963	0.9526
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_EGD-e_169963	0.9434
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_EGD-e_169963	0.9392
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_EGD-e_169963	0.9392
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_EGD-e_169963	0.9392
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_EGD-e_169963	0.9434
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_EGD-e_169963	0.9434
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_EGD-e_169963	0.9393
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_EGD-e_169963	0.9207
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_EGD-e_169963	0.9145
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_EGD-e_169963	0.9749
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_EGD-e_169963	0.9148
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_EGD-e_169963	0.9419
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_EGD-e_169963	0.9278
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_EGD-e_169963	0.9307
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_EGD-e_169963	0.9566
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_EGD-e_169963	0.9145
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_EGD-e_169963	0.9674
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_EGD-e_169963	0.9066
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_EGD-e_169963	0.9416
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_EGD-e_169963	0.9585
Listeria_monocytogenes_EGD-e_169963_v1	Listeria_monocytogenes_EGD-e_169963	0.9996
Listeria_monocytogenes_EGD-e_169963	Listeria_monocytogenes_EGD-e_169963	0.0681
Listeria_welshimeri_1643	Listeria_monocytogenes_EGD-e_169963_v1	0.8746
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_EGD-e_169963_v1	0.8742
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_EGD-e_169963_v1	0.8828
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_EGD-e_169963_v1	0.822
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_EGD-e_169963_v1	0.8302
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_EGD-e_169963_v1	0.8824
Listeria_seeligeri_1640	Listeria_monocytogenes_EGD-e_169963_v1	0.8833
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_EGD-e_169963_v1	0.9344
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_EGD-e_169963_v1	0.9505
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_EGD-e_169963_v1	0.9653

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Listeria_monocytogenes_SLCC2479_882020
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Listeria_monocytogenes_SLCC2376_882097
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Listeria_monocytogenes_serotype_4b_str_10-0809_1196162
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173

Listeria_monocytogenes_EGD-e_169963_v1 0.953
Listeria_monocytogenes_EGD-e_169963_v1 0.9304
Listeria_monocytogenes_EGD-e_169963_v1 0.9396
Listeria_monocytogenes_EGD-e_169963_v1 0.9704
Listeria_monocytogenes_EGD-e_169963_v1 0.9351
Listeria_monocytogenes_EGD-e_169963_v1 0.9405
Listeria_monocytogenes_EGD-e_169963_v1 0.9628
Listeria_monocytogenes_EGD-e_169963_v1 0.9389
Listeria_monocytogenes_EGD-e_169963_v1 0.9414
Listeria_monocytogenes_EGD-e_169963_v1 0.9389
Listeria_monocytogenes_EGD-e_169963_v1 0.9415
Listeria_monocytogenes_EGD-e_169963_v1 0.9373
Listeria_monocytogenes_EGD-e_169963_v1 0.9384
Listeria_monocytogenes_EGD-e_169963_v1 0.9387
Listeria_monocytogenes_EGD-e_169963_v1 0.9384
Listeria_monocytogenes_EGD-e_169963_v1 0.9385
Listeria_monocytogenes_EGD-e_169963_v1 0.9385
Listeria_monocytogenes_EGD-e_169963_v1 0.9399
Listeria_monocytogenes_EGD-e_169963_v1 0.9399
Listeria_monocytogenes_EGD-e_169963_v1 0.9399
Listeria_monocytogenes_EGD-e_169963_v1 0.9681
Listeria_monocytogenes_EGD-e_169963_v1 0.9689
Listeria_monocytogenes_EGD-e_169963_v1 0.9689
Listeria_monocytogenes_EGD-e_169963_v1 0.9425
Listeria_monocytogenes_EGD-e_169963_v1 0.9425
Listeria_monocytogenes_EGD-e_169963_v1 0.9382
Listeria_monocytogenes_EGD-e_169963_v1 0.9382
Listeria_monocytogenes_EGD-e_169963_v1 0.9434
Listeria_monocytogenes_EGD-e_169963_v1 0.943
Listeria_monocytogenes_EGD-e_169963_v1 0.9434
Listeria_monocytogenes_EGD-e_169963_v1 0.9565
Listeria_monocytogenes_EGD-e_169963_v1 0.9568
Listeria_monocytogenes_EGD-e_169963_v1 0.9434
Listeria_monocytogenes_EGD-e_169963_v1 0.9441
Listeria_monocytogenes_EGD-e_169963_v1 0.9441
Listeria_monocytogenes_EGD-e_169963_v1 0.9655
Listeria_monocytogenes_EGD-e_169963_v1 0.9655
Listeria_monocytogenes_EGD-e_169963_v1 0.9388
Listeria_monocytogenes_EGD-e_169963_v1 0.9434
Listeria_monocytogenes_EGD-e_169963_v1 0.9624
Listeria_monocytogenes_EGD-e_169963_v1 0.9624
Listeria_monocytogenes_EGD-e_169963_v1 0.9526
Listeria_monocytogenes_EGD-e_169963_v1 0.9434
Listeria_monocytogenes_EGD-e_169963_v1 0.9388
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Listeria_monocytogenes_EGD-e_169963_v1 0.921
Listeria_monocytogenes_EGD-e_169963_v1 0.9141
Listeria_monocytogenes_EGD-e_169963_v1 0.9749
Listeria_monocytogenes_EGD-e_169963_v1 0.9144
Listeria_monocytogenes_EGD-e_169963_v1 0.9415
Listeria_monocytogenes_EGD-e_169963_v1 0.9274
Listeria_monocytogenes_EGD-e_169963_v1 0.9303
Listeria_monocytogenes_EGD-e_169963_v1 0.9566
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Listeria_monocytogenes_EGD-e_169963_v1 0.9674
Listeria_monocytogenes_EGD-e_169963_v1 0.9066
Listeria_monocytogenes_EGD-e_169963_v1 0.9412
Listeria_monocytogenes_EGD-e_169963_v1 0.9585
Listeria_monocytogenes_EGD-e_169963_v1 0.0685
Listeria_monocytogenes_Finland_1998_393127 0.8797
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Listeria_monocytogenes_Finland_1998_393127 0.9415
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Listeria_monocytogenes_Finland_1998_393127 0.9687
Listeria_monocytogenes_Finland_1998_393127 0.9607
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Listeria_monocytogenes_Finland_1998_393127 0.9502
Listeria_monocytogenes_Finland_1998_393127 0.9426
Listeria_monocytogenes_Finland_1998_393127 0.9502
Listeria_monocytogenes_Finland_1998_393127 0.943
Listeria_monocytogenes_Finland_1998_393127 0.9484
Listeria_monocytogenes_Finland_1998_393127 0.9367
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Listeria_monocytogenes_Finland_1998_393127 0.9542
Listeria_monocytogenes_Finland_1998_393127 0.9314
Listeria_monocytogenes_Finland_1998_393127 0.9325
Listeria_monocytogenes_Finland_1998_393127 0.9333
Listeria_monocytogenes_Finland_1998_393127 0.9329
Listeria_monocytogenes_Finland_1998_393127 0.9543
Listeria_monocytogenes_Finland_1998_393127 0.9543
Listeria_monocytogenes_Finland_1998_393127 0.9329

Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_Finland_1998_393127	0.9329
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_Finland_1998_393127	0.9329
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_Finland_1998_393127	0.9494
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_Finland_1998_393127	0.9502
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_Finland_1998_393127	0.9502
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_Finland_1998_393127	0.936
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_Finland_1998_393127	0.936
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_Finland_1998_393127	0.9437
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_Finland_1998_393127	0.9437
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_Finland_1998_393127	0.9497
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_Finland_1998_393127	0.9486
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_Finland_1998_393127	0.9497
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_Finland_1998_393127	0.9631
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_Finland_1998_393127	0.9635
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_Finland_1998_393127	0.9497
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_Finland_1998_393127	0.9505
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_Finland_1998_393127	0.9505
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_Finland_1998_393127	0.9723
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_Finland_1998_393127	0.9723
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_Finland_1998_393127	0.9451
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_Finland_1998_393127	0.9497
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_Finland_1998_393127	0.953
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_Finland_1998_393127	0.953
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_Finland_1998_393127	0.9599
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_Finland_1998_393127	0.9497
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_Finland_1998_393127	0.9451
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_Finland_1998_393127	0.9451
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_Finland_1998_393127	0.9451
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_Finland_1998_393127	0.9497
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_Finland_1998_393127	0.9497
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_Finland_1998_393127	0.949
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_Finland_1998_393127	0.9165
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_Finland_1998_393127	0.9109
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_Finland_1998_393127	0.9487
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_Finland_1998_393127	0.9113
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_Finland_1998_393127	0.9542
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_Finland_1998_393127	0.9328
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_Finland_1998_393127	0.9278
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_Finland_1998_393127	0.9574
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_Finland_1998_393127	0.9109
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_Finland_1998_393127	0.9491
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_Finland_1998_393127	0.9126
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_Finland_1998_393127	0.9465
Listeria_monocytogenes_Finland_1998_393127	Listeria_monocytogenes_Finland_1998_393127	0.0678
Listeria_welshimeri_1643	Listeria_monocytogenes_FSL_J1-175_393118	0.8792
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_FSL_J1-175_393118	0.8789
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_FSL_J1-175_393118	0.886
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_FSL_J1-175_393118	0.8238
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_FSL_J1-175_393118	0.8393
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_FSL_J1-175_393118	0.8909
Listeria_seeligeri_1640	Listeria_monocytogenes_FSL_J1-175_393118	0.8803
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_FSL_J1-175_393118	0.9525
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_FSL_J1-175_393118	0.9481
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_FSL_J1-175_393118	0.9404
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_FSL_J1-175_393118	0.951
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_FSL_J1-175_393118	0.9502
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_FSL_J1-175_393118	0.9682
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_FSL_J1-175_393118	0.9432
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_FSL_J1-175_393118	0.9536
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_FSL_J1-175_393118	0.9365
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_FSL_J1-175_393118	0.9358
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_FSL_J1-175_393118	0.9586
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_FSL_J1-175_393118	0.9271
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_FSL_J1-175_393118	0.9586
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_FSL_J1-175_393118	0.9567
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_FSL_J1-175_393118	0.9447
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_FSL_J1-175_393118	0.9458
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_FSL_J1-175_393118	0.9446
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_FSL_J1-175_393118	0.9458
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_FSL_J1-175_393118	0.9583
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_FSL_J1-175_393118	0.9583
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_FSL_J1-175_393118	0.9461
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_FSL_J1-175_393118	0.9461
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_FSL_J1-175_393118	0.9461
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_FSL_J1-175_393118	0.944
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_FSL_J1-175_393118	0.9444
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_FSL_J1-175_393118	0.9444
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_FSL_J1-175_393118	0.9558
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_FSL_J1-175_393118	0.9558
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_FSL_J1-175_393118	0.928
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_FSL_J1-175_393118	0.928
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_FSL_J1-175_393118	0.9328
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_FSL_J1-175_393118	0.9309
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_FSL_J1-175_393118	0.9328
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_FSL_J1-175_393118	0.9525
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_FSL_J1-175_393118	0.9529
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_FSL_J1-175_393118	0.9328
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_FSL_J1-175_393118	0.9327
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_FSL_J1-175_393118	0.9327
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_FSL_J1-175_393118	0.9492
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_FSL_J1-175_393118	0.9492

Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_FSL_J1-175_393118	0.9287
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_FSL_J1-175_393118	0.9332
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_FSL_J1-175_393118	0.9445
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_FSL_J1-175_393118	0.9445
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_FSL_J1-175_393118	0.9302
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_FSL_J1-175_393118	0.9328
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_FSL_J1-175_393118	0.9287
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_FSL_J1-175_393118	0.9287
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_FSL_J1-175_393118	0.9287
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_FSL_J1-175_393118	0.9328
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_FSL_J1-175_393118	0.9328
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_FSL_J1-175_393118	0.931
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_FSL_J1-175_393118	0.8944
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_FSL_J1-175_393118	0.9116
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_FSL_J1-175_393118	0.9418
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_FSL_J1-175_393118	0.912
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_FSL_J1-175_393118	0.9571
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_FSL_J1-175_393118	0.9404
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_FSL_J1-175_393118	0.9462
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_FSL_J1-175_393118	0.9358
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_FSL_J1-175_393118	0.9116
Listeria_monocytogenes_FSL_R2-561_393126	Listeria_monocytogenes_FSL_J1-175_393118	0.944
Listeria_monocytogenes_FSL_J1-208_393119	Listeria_monocytogenes_FSL_J1-175_393118	0.9106
Listeria_monocytogenes_FSL_J1-175_393118	Listeria_monocytogenes_FSL_J1-175_393118	0.0658
Listeria_welshimeri_1643	Listeria_monocytogenes_FSL_J1-208_393119	0.8845
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_FSL_J1-208_393119	0.8842
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_FSL_J1-208_393119	0.8743
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_FSL_J1-208_393119	0.8178
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_FSL_J1-208_393119	0.819
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_FSL_J1-208_393119	0.8809
Listeria_seeligeri_1640	Listeria_monocytogenes_FSL_J1-208_393119	0.8677
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_FSL_J1-208_393119	0.9186
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_FSL_J1-208_393119	0.9034
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_FSL_J1-208_393119	0.909
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_FSL_J1-208_393119	0.9075
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_FSL_J1-208_393119	0.9023
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_FSL_J1-208_393119	0.9056
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_FSL_J1-208_393119	0.8977
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_FSL_J1-208_393119	0.9196
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_FSL_J1-208_393119	0.9263
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_FSL_J1-208_393119	0.8914
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_FSL_J1-208_393119	0.9245
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_FSL_J1-208_393119	0.8836
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_FSL_J1-208_393119	0.9245
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Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_FSL_J1-208_393119	0.911
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_FSL_J1-208_393119	0.9107
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_FSL_J1-208_393119	0.9253
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_FSL_J1-208_393119	0.9253
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_FSL_J1-208_393119	0.9103
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Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_FSL_J1-208_393119	0.9103
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_FSL_J1-208_393119	0.8965
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Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_FSL_J1-208_393119	0.8973
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_FSL_J1-208_393119	0.8955
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_FSL_J1-208_393119	0.8955
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Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_FSL_J1-208_393119	0.8886
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Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_FSL_J1-208_393119	0.9046
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_FSL_J1-208_393119	0.905
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Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_HCC23_552536	0.8992
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_HCC23_552536	0.8992
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_HCC23_552536	0.8992
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_HCC23_552536	0.9083
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_HCC23_552536	0.9083
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_HCC23_552536	0.8961
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_HCC23_552536	0.8993
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_HCC23_552536	0.9145
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_HCC23_552536	0.9145
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_HCC23_552536	0.8956
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_HCC23_552536	0.8992
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_HCC23_552536	0.8961
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_HCC23_552536	0.8961
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_HCC23_552536	0.8961
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_HCC23_552536	0.8992
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_HCC23_552536	0.8989
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_HCC23_552536	0.8953
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_HCC23_552536	0.868
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_HCC23_552536	0.9989
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_HCC23_552536	0.912
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_HCC23_552536	0.9989
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_HCC23_552536	0.9154
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_HCC23_552536	0.8995
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_HCC23_552536	0.9131
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_HCC23_552536	0.9105
Listeria_monocytogenes_HCC23_552536	Listeria_monocytogenes_HCC23_552536	0.0673
Listeria_welshimeri_1643	Listeria_monocytogenes_J0161_393130	0.866
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_J0161_393130	0.8653
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_J0161_393130	0.8794
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_J0161_393130	0.8218
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_J0161_393130	0.8357
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_J0161_393130	0.8749
Listeria_seeligeri_1640	Listeria_monocytogenes_J0161_393130	0.8818
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_J0161_393130	0.9223
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_J0161_393130	0.9424
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_J0161_393130	0.9627
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_J0161_393130	0.9448
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_J0161_393130	0.9277
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_J0161_393130	0.9304
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_J0161_393130	0.9447
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_J0161_393130	0.9237
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_J0161_393130	0.9273
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_J0161_393130	0.9381
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_J0161_393130	0.9293
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_J0161_393130	0.9341
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_J0161_393130	0.9293
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_J0161_393130	0.936
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_J0161_393130	0.9275
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_J0161_393130	0.9286
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_J0161_393130	0.9293
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_J0161_393130	0.9286
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_J0161_393130	0.9309
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_J0161_393130	0.9309
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_J0161_393130	0.9334
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_J0161_393130	0.9334
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_J0161_393130	0.9334
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_J0161_393130	0.9447
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_J0161_393130	0.9458
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_J0161_393130	0.9458
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_J0161_393130	0.9357
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_J0161_393130	0.9357
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_J0161_393130	0.937
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_J0161_393130	0.937
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_J0161_393130	0.9425
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_J0161_393130	0.9428
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_J0161_393130	0.9428
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_J0161_393130	0.9456
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_J0161_393130	0.9456

Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_J0161_393130	0.9428
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_J0161_393130	0.9432
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_J0161_393130	0.9432
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_J0161_393130	0.9533
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_J0161_393130	0.9533
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_J0161_393130	0.938
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_J0161_393130	0.9425
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_J0161_393130	0.9534
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_J0161_393130	0.9534
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_J0161_393130	0.9508
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_J0161_393130	0.9428
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_J0161_393130	0.938
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_J0161_393130	0.938
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_J0161_393130	0.938
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_J0161_393130	0.9428
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_J0161_393130	0.9425
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_J0161_393130	0.9399
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_J0161_393130	0.9062
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_J0161_393130	0.9102
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_J0161_393130	0.9474
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_J0161_393130	0.9108
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_J0161_393130	0.936
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_J0161_393130	0.9266
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_J0161_393130	0.9269
Listeria_monocytogenes_J0161_393130	Listeria_monocytogenes_J0161_393130	0.0719
Listeria_welshimeri_1643	Listeria_monocytogenes_J1-220_930782	0.8813
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_J1-220_930782	0.881
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_J1-220_930782	0.8709
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_J1-220_930782	0.8177
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_J1-220_930782	0.8256
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_J1-220_930782	0.8758
Listeria_seeligeri_1640	Listeria_monocytogenes_J1-220_930782	0.873
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_J1-220_930782	0.9604
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_J1-220_930782	0.9241
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_J1-220_930782	0.9298
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_J1-220_930782	0.9271
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_J1-220_930782	0.927
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_J1-220_930782	0.9412
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_J1-220_930782	0.9209
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_J1-220_930782	0.9615
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_J1-220_930782	0.922
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_J1-220_930782	0.9142
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_J1-220_930782	0.9567
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_J1-220_930782	0.9114
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_J1-220_930782	0.9567
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_J1-220_930782	0.9525
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_J1-220_930782	0.9674
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_J1-220_930782	0.9685
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_J1-220_930782	0.9678
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_J1-220_930782	0.9685
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_J1-220_930782	0.9586
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_J1-220_930782	0.9586
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_J1-220_930782	0.97
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_J1-220_930782	0.97
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_J1-220_930782	0.97
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_J1-220_930782	0.9246
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_J1-220_930782	0.9246
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_J1-220_930782	0.9246
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_J1-220_930782	0.9463
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_J1-220_930782	0.9463
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_J1-220_930782	0.9154
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_J1-220_930782	0.9154
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_J1-220_930782	0.9189
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_J1-220_930782	0.9185
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_J1-220_930782	0.9196
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_J1-220_930782	0.9295
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_J1-220_930782	0.9298
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_J1-220_930782	0.9196
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_J1-220_930782	0.9192
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_J1-220_930782	0.9192
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_J1-220_930782	0.927
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_J1-220_930782	0.927
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_J1-220_930782	0.916
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_J1-220_930782	0.92
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_J1-220_930782	0.9303
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_J1-220_930782	0.9303
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_J1-220_930782	0.9195
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_J1-220_930782	0.9196
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_J1-220_930782	0.916
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_J1-220_930782	0.916
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_J1-220_930782	0.916
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_J1-220_930782	0.9196
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_J1-220_930782	0.9196
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_J1-220_930782	0.9171
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_J1-220_930782	0.881
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_J1-220_930782	0.9139
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_J1-220_930782	0.9273
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_J1-220_930782	0.9142
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_J1-220_930782	0.9529
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_J1-220_930782	0.9399
Listeria_monocytogenes_J1-220_930782	Listeria_monocytogenes_J1-220_930782	0.0727

Listeria_welshimeri_1643	Listeria_monocytogenes_J1816_930781	0.8672
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_J1816_930781	0.8665
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_J1816_930781	0.8734
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_J1816_930781	0.8282
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_J1816_930781	0.8298
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_J1816_930781	0.8799
Listeria_seeligeri_1640	Listeria_monocytogenes_J1816_930781	0.8796
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_J1816_930781	0.9483
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_J1816_930781	0.9204
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_J1816_930781	0.9276
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_J1816_930781	0.9246
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_J1816_930781	0.9311
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_J1816_930781	0.9335
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_J1816_930781	0.924
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_J1816_930781	0.9497
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_J1816_930781	0.9274
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_J1816_930781	0.9168
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_J1816_930781	0.955
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_J1816_930781	0.9054
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_J1816_930781	0.955
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_J1816_930781	0.9565
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_J1816_930781	0.9473
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_J1816_930781	0.948
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_J1816_930781	0.9479
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_J1816_930781	0.9483
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_J1816_930781	0.9547
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_J1816_930781	0.9547
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_J1816_930781	0.948
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_J1816_930781	0.948
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_J1816_930781	0.948
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_J1816_930781	0.9258
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_J1816_930781	0.9269
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_J1816_930781	0.9269
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_J1816_930781	0.9361
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_J1816_930781	0.9361
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_J1816_930781	0.915
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_J1816_930781	0.915
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_J1816_930781	0.9197
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_J1816_930781	0.9192
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_J1816_930781	0.92
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_J1816_930781	0.9247
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_J1816_930781	0.9243
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_J1816_930781	0.92
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_J1816_930781	0.9204
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_J1816_930781	0.9204
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_J1816_930781	0.9321
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_J1816_930781	0.9321
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_J1816_930781	0.9157
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_J1816_930781	0.92
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_J1816_930781	0.9237
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_J1816_930781	0.9237
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_J1816_930781	0.9278
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_J1816_930781	0.92
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_J1816_930781	0.9157
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_J1816_930781	0.9157
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_J1816_930781	0.9157
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_J1816_930781	0.92
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_J1816_930781	0.9197
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_J1816_930781	0.9183
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_J1816_930781	0.8824
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_J1816_930781	0.8996
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_J1816_930781	0.9204
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_J1816_930781	0.9002
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_J1816_930781	0.9569
Listeria_monocytogenes_J1816_930781	Listeria_monocytogenes_J1816_930781	0.0737
Listeria_welshimeri_1643	Listeria_monocytogenes_L312_882094	0.8863
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_L312_882094	0.8856
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_L312_882094	0.8905
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_L312_882094	0.8329
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_L312_882094	0.831
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_L312_882094	0.8966
Listeria_seeligeri_1640	Listeria_monocytogenes_L312_882094	0.8888
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_L312_882094	0.972
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_L312_882094	0.9385
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_L312_882094	0.9434
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_L312_882094	0.9432
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_L312_882094	0.9536
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_L312_882094	0.9538
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_L312_882094	0.9337
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_L312_882094	0.9731
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_L312_882094	0.9508
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_L312_882094	0.9263
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_L312_882094	0.9795
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_L312_882094	0.9187
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_L312_882094	0.9795
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_L312_882094	0.9992
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_L312_882094	0.9613
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_L312_882094	0.9624
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_L312_882094	0.9635
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_L312_882094	0.9628
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_L312_882094	0.9815

Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_L312_882094	0.9815
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_L312_882094	0.9631
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_L312_882094	0.9631
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_L312_882094	0.9631
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_L312_882094	0.9329
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_L312_882094	0.934
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_L312_882094	0.934
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_L312_882094	0.9464
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_L312_882094	0.9464
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_L312_882094	0.9237
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_L312_882094	0.9237
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_L312_882094	0.9292
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_L312_882094	0.9284
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_L312_882094	0.9296
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_L312_882094	0.9441
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_L312_882094	0.9437
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_L312_882094	0.9296
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_L312_882094	0.9299
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_L312_882094	0.9299
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_L312_882094	0.9534
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_L312_882094	0.9534
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_L312_882094	0.9251
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_L312_882094	0.9296
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_L312_882094	0.9357
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_L312_882094	0.9357
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_L312_882094	0.9387
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_L312_882094	0.9296
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_L312_882094	0.9251
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_L312_882094	0.9251
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_L312_882094	0.9251
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_L312_882094	0.9296
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_L312_882094	0.9292
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_L312_882094	0.9285
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_L312_882094	0.8984
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_L312_882094	0.9154
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_L312_882094	0.9322
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_L312_882094	0.9161
Listeria_monocytogenes_L312_882094	Listeria_monocytogenes_L312_882094	0.065
Listeria_welshimeri_1643	Listeria_monocytogenes_L99_563174	0.8657
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_L99_563174	0.865
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_L99_563174	0.8578
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_L99_563174	0.8083
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_L99_563174	0.8106
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_L99_563174	0.8527
Listeria_seeligeri_1640	Listeria_monocytogenes_L99_563174	0.8658
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_L99_563174	0.9045
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_L99_563174	0.912
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_L99_563174	0.9093
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_L99_563174	0.9134
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_L99_563174	0.8953
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_L99_563174	0.9108
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_L99_563174	0.9082
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_L99_563174	0.9059
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_L99_563174	0.929
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_L99_563174	0.9015
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_L99_563174	0.9106
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_L99_563174	0.8988
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_L99_563174	0.9106
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_L99_563174	0.9161
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_L99_563174	0.9092
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_L99_563174	0.9102
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_L99_563174	0.9109
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_L99_563174	0.9102
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_L99_563174	0.9099
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_L99_563174	0.9099
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_L99_563174	0.9113
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_L99_563174	0.9113
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_L99_563174	0.9113
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_L99_563174	0.9077
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_L99_563174	0.9081
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_L99_563174	0.9081
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_L99_563174	0.9155
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_L99_563174	0.9155
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_L99_563174	0.8969
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_L99_563174	0.8969
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_L99_563174	0.8989
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_L99_563174	0.8992
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_L99_563174	0.8999
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_L99_563174	0.9151
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_L99_563174	0.9151
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_L99_563174	0.8999
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_L99_563174	0.8999
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_L99_563174	0.8999
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_L99_563174	0.9087
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_L99_563174	0.9087
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_L99_563174	0.8968
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_L99_563174	0.9
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_L99_563174	0.9152
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_L99_563174	0.9152
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_L99_563174	0.896
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_L99_563174	0.8999

Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_L99_563174	0.8968
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_L99_563174	0.8968
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_L99_563174	0.8968
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_L99_563174	0.8999
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_L99_563174	0.8996
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_L99_563174	0.896
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_L99_563174	0.8683
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_L99_563174	0.9993
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_L99_563174	0.9123
Listeria_monocytogenes_L99_563174	Listeria_monocytogenes_L99_563174	0.0659
Listeria_welshimeri_1643	Listeria_monocytogenes_LO28_393132	0.8675
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_LO28_393132	0.8672
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_LO28_393132	0.8729
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_LO28_393132	0.813
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_LO28_393132	0.8323
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_LO28_393132	0.8772
Listeria_seeligeri_1640	Listeria_monocytogenes_LO28_393132	0.8755
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_LO28_393132	0.9242
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_LO28_393132	0.9593
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_LO28_393132	0.9544
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_LO28_393132	0.9531
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_LO28_393132	0.9214
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_LO28_393132	0.9417
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_LO28_393132	0.9878
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_LO28_393132	0.9252
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_LO28_393132	0.9312
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_LO28_393132	0.9794
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_LO28_393132	0.9297
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_LO28_393132	0.9439
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_LO28_393132	0.9297
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_LO28_393132	0.9322
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_LO28_393132	0.9272
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_LO28_393132	0.9282
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_LO28_393132	0.9286
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_LO28_393132	0.9282
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_LO28_393132	0.9294
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_LO28_393132	0.9294
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_LO28_393132	0.9297
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_LO28_393132	0.9297
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_LO28_393132	0.9297
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_LO28_393132	0.9811
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_LO28_393132	0.9822
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_LO28_393132	0.9822
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_LO28_393132	0.9457
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_LO28_393132	0.9457
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_LO28_393132	0.9384
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_LO28_393132	0.9384
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_LO28_393132	0.9447
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_LO28_393132	0.9454
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_LO28_393132	0.944
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_LO28_393132	0.9569
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_LO28_393132	0.9573
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_LO28_393132	0.944
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_LO28_393132	0.9439
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_LO28_393132	0.9439
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_LO28_393132	0.9548
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_LO28_393132	0.9548
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_LO28_393132	0.9394
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_LO28_393132	0.944
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_LO28_393132	0.9586
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_LO28_393132	0.9586
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_LO28_393132	0.9408
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_LO28_393132	0.944
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_LO28_393132	0.9394
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_LO28_393132	0.9394
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_LO28_393132	0.9394
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_LO28_393132	0.944
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_LO28_393132	0.944
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_LO28_393132	0.9469
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_LO28_393132	0.9084
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_LO28_393132	0.912
Listeria_monocytogenes_LO28_393132	Listeria_monocytogenes_LO28_393132	0.0686
Listeria_welshimeri_1643	Listeria_monocytogenes_M7_1030009	0.865
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_M7_1030009	0.8647
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_M7_1030009	0.8575
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_M7_1030009	0.8077
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_M7_1030009	0.8103
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_M7_1030009	0.8524
Listeria_seeligeri_1640	Listeria_monocytogenes_M7_1030009	0.8652
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_M7_1030009	0.9042
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_M7_1030009	0.9113
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_M7_1030009	0.9086
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_M7_1030009	0.9128
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_M7_1030009	0.8946
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_M7_1030009	0.9101
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_M7_1030009	0.9078
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_M7_1030009	0.9052
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_M7_1030009	0.9286
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_M7_1030009	0.9012
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_M7_1030009	0.9099
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_M7_1030009	0.8984

Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_M7_1030009	0.9099
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_M7_1030009	0.9154
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_M7_1030009	0.9088
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_M7_1030009	0.9099
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_M7_1030009	0.9102
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_M7_1030009	0.9099
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_M7_1030009	0.9096
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_M7_1030009	0.9096
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_M7_1030009	0.9106
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_M7_1030009	0.9106
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_M7_1030009	0.9106
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_M7_1030009	0.9074
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_M7_1030009	0.9074
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_M7_1030009	0.9074
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_M7_1030009	0.9152
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_M7_1030009	0.9155
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_M7_1030009	0.8966
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_M7_1030009	0.8966
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_M7_1030009	0.8985
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_M7_1030009	0.8985
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_M7_1030009	0.8993
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_M7_1030009	0.9144
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_M7_1030009	0.9147
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_M7_1030009	0.8993
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_M7_1030009	0.8996
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_M7_1030009	0.8996
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_M7_1030009	0.9083
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_M7_1030009	0.9083
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_M7_1030009	0.8965
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_M7_1030009	0.8996
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_M7_1030009	0.9149
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_M7_1030009	0.9149
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_M7_1030009	0.8956
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_M7_1030009	0.8993
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_M7_1030009	0.8965
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_M7_1030009	0.8965
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_M7_1030009	0.8965
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_M7_1030009	0.8993
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_M7_1030009	0.8993
Listeria_monocytogenes_N479a_1437838	Listeria_monocytogenes_M7_1030009	0.8957
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_M7_1030009	0.868
Listeria_monocytogenes_M7_1030009	Listeria_monocytogenes_M7_1030009	0.0666
Listeria_welshimeri_1643	Listeria_monocytogenes_N53-1_1234142	0.833
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_N53-1_1234142	0.8327
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_N53-1_1234142	0.8435
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_N53-1_1234142	0.7827
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_N53-1_1234142	0.7907
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_N53-1_1234142	0.8434
Listeria_seeligeri_1640	Listeria_monocytogenes_N53-1_1234142	0.8408
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_N53-1_1234142	0.8912
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_N53-1_1234142	0.904
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_N53-1_1234142	0.9179
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_N53-1_1234142	0.9076
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_N53-1_1234142	0.8876
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_N53-1_1234142	0.8923
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_N53-1_1234142	0.9061
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_N53-1_1234142	0.8914
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_N53-1_1234142	0.8985
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_N53-1_1234142	0.8989
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_N53-1_1234142	0.8966
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_N53-1_1234142	0.892
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_N53-1_1234142	0.8966
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_N53-1_1234142	0.8984
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_N53-1_1234142	0.8882
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_N53-1_1234142	0.8888
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_N53-1_1234142	0.8895
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_N53-1_1234142	0.8892
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_N53-1_1234142	0.8971
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_N53-1_1234142	0.8971
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_N53-1_1234142	0.8888
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_N53-1_1234142	0.8888
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_N53-1_1234142	0.8888
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_N53-1_1234142	0.905
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_N53-1_1234142	0.9057
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_N53-1_1234142	0.9057
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_N53-1_1234142	0.8917
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_N53-1_1234142	0.8917
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_N53-1_1234142	0.8883
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_N53-1_1234142	0.8883
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_N53-1_1234142	0.8937
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_N53-1_1234142	0.8926
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_N53-1_1234142	0.8937
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_N53-1_1234142	0.9089
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_N53-1_1234142	0.9088
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_N53-1_1234142	0.8937
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_N53-1_1234142	0.8944
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_N53-1_1234142	0.8944
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_N53-1_1234142	0.9188
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_N53-1_1234142	0.9188
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_N53-1_1234142	0.8896
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_N53-1_1234142	0.893

Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_N53-1_1234142	0.9087
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_N53-1_1234142	0.9087
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186	Listeria_monocytogenes_N53-1_1234142	0.9028
Listeria_monocytogenes_serotype_1_2a_str_08-7374_1196185	Listeria_monocytogenes_N53-1_1234142	0.8937
Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184	Listeria_monocytogenes_N53-1_1234142	0.8896
Listeria_monocytogenes_serotype_1_2a_str_08-6569_1196183	Listeria_monocytogenes_N53-1_1234142	0.8896
Listeria_monocytogenes_serotype_1_2a_str_08-6056_1196182	Listeria_monocytogenes_N53-1_1234142	0.8896
Listeria_monocytogenes_serotype_1_2a_str_04-5457_1196181	Listeria_monocytogenes_N53-1_1234142	0.8937
Listeria_monocytogenes_serotype_1_2a_str_02-5993_1196180	Listeria_monocytogenes_N53-1_1234142	0.8937
Listeria_monocytogenes_R479a_1437838	Listeria_monocytogenes_N53-1_1234142	0.8909
Listeria_monocytogenes_N53-1_1234142	Listeria_monocytogenes_N53-1_1234142	0.1331
Listeria_welshimeri_1643	Listeria_monocytogenes_R479a_1437838	0.8642
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_R479a_1437838	0.8639
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_R479a_1437838	0.8692
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_R479a_1437838	0.8106
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_R479a_1437838	0.8374
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_R479a_1437838	0.8677
Listeria_seeligeri_1640	Listeria_monocytogenes_R479a_1437838	0.8643
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_R479a_1437838	0.9157
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_R479a_1437838	0.9491
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_R479a_1437838	0.9442
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_R479a_1437838	0.9496
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_R479a_1437838	0.923
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_R479a_1437838	0.9331
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_R479a_1437838	0.9513
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_R479a_1437838	0.9167
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_R479a_1437838	0.9213
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_R479a_1437838	0.9517
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_R479a_1437838	0.9218
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_R479a_1437838	0.9296
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_R479a_1437838	0.9218
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_R479a_1437838	0.9285
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_R479a_1437838	0.9121
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_R479a_1437838	0.9131
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_R479a_1437838	0.9135
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_R479a_1437838	0.9131
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_R479a_1437838	0.9253
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_R479a_1437838	0.9253
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_R479a_1437838	0.9139
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_R479a_1437838	0.9139
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_R479a_1437838	0.9139
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Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_R479a_1437838	0.9583
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_R479a_1437838	0.9583
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Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_R479a_1437838	0.9342
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_R479a_1437838	0.9621
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Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_R479a_1437838	0.9478
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_R479a_1437838	0.9677
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_R479a_1437838	0.9707
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Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179
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Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190
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Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170
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Listeria_monocytogenes_serotype_1_2a_str_08-6997_1196184
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Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837
Listeria_seeligeri_FSL_S4-171_702452
Listeria_seeligeri_FSL_N1-067_702453
Listeria_seeligeri_1640_v1
Listeria_seeligeri_1640
Listeria_monocytogenes_WSLC1042_1457188
Listeria_monocytogenes_WSLC1001_1457187
Listeria_monocytogenes_SLCC7179_879090
Listeria_monocytogenes_SLCC5850_882096
Listeria_monocytogenes_SLCC2755_932919
Listeria_monocytogenes_SLCC2540_879089
Listeria_monocytogenes_SLCC2479_882020
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Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669
Listeria_monocytogenes_serotype_4b_str_F2365_265669
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Listeria_monocytogenes_serotype_4b_str_81-0861_1196161
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Listeria_monocytogenes_serotype_4b_str_02-6679_1196174
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195
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Listeria_welshimeri_1643
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Listeria_seeligeri_FSL_S4-171_702452
Listeria_seeligeri_FSL_N1-067_702453
Listeria_seeligeri_1640_v1
Listeria_seeligeri_1640
Listeria_monocytogenes_WSLC1042_1457188
Listeria_monocytogenes_WSLC1001_1457187
Listeria_monocytogenes_SLCC7179_879090
Listeria_monocytogenes_SLCC5850_882096
Listeria_monocytogenes_SLCC2755_932919
Listeria_monocytogenes_SLCC2540_879089
Listeria_monocytogenes_SLCC2479_882020

[illegible]

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Listeria_monocytogenes_SLCC2376_882097
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Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165
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Listeria_seeligeri_FSL_N1-067_702453
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Listeria_monocytogenes_WSLC1001_1457187
Listeria_monocytogenes_SLCC7179_879090
Listeria_monocytogenes_SLCC5850_882096
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Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193
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Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177
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Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165
Listeria_monocytogenes_serotype_1_2a_str_08-7669_1196186

[illegible]

Listeria_welshimeri_1643	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.874
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Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.8776
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.8174
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.8303
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.8754
Listeria_seeligeri_1640	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.8801
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9219
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9775
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9617
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9785
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9274
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9414
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9537
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.923
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9354
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9467
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9289
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9676
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9289
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9357
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Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9286
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Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9286
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9343
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9343
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9275
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9275
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9275
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9552
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.956
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.956
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9491
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9491
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9492
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9492
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9533
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9533
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.954
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9597
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.96
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.954
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9573
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9573
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9656
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9656
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9498
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.9544
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	1
Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	Listeria_monocytogenes_serotype_1_2a_str_10-0812_1196165	0.067
Listeria_welshimeri_1643	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.874
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.8737
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.8776
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.8174
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.8303
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.8754
Listeria_seeligeri_1640	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.8801
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9219
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9775
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9617
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9785
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9274
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9414
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9537
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.923
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9354
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9467
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9289
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9676
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9289
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9357
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9275
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9286
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9289
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9286
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9343
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9343
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9275
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9275
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9275
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9552
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.956
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.956
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9491
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9491
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9492
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9492
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9533
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9533
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.954

Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9597
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.96
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.954
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9573
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9573
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9656
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9656
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9498
Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.9544
Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	Listeria_monocytogenes_serotype_1_2a_str_10-0813_1196166	0.067
Listeria_welshimeri_1643	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.8645
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.8641
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.8706
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.8109
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.8325
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.868
Listeria_seeligeri_1640	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.8653
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9168
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9517
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9482
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9518
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9178
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9349
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9509
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9178
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9216
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9439
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9229
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9341
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9229
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9296
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Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9149
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9152
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9149
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9267
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9267
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9164
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9164
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9164
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9538
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9542
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9542
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9349
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9349
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9938
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9938
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9982
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9938
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.9996
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_serotype_1_2a_str_10-0814_1196187	0.95

Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	0.9497
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	0.9396
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	0.9396
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	0.9982
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	0.9982
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	0.9934
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	0.989
Listeria_monocytogenes_serotype_1_2a_str_10-5024_1196192	Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	0.9949
Listeria_monocytogenes_serotype_1_2a_str_10-4758_1196168	Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	0.9458
Listeria_monocytogenes_serotype_1_2a_str_10-4754_1196167	Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	0.9462
Listeria_monocytogenes_serotype_1_2a_str_10-1321_1196191	Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	0.9949
Listeria_monocytogenes_serotype_1_2a_str_10-1047_1196190	Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	0.992
Listeria_monocytogenes_serotype_1_2a_str_10-1046_1196189	Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	0.992
Listeria_monocytogenes_serotype_1_2a_str_10-0934_1196170	Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	0.9447
Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	0.9447
Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	Listeria_monocytogenes_serotype_1_2a_str_10-0815_1196188	0.0700
Listeria_welshimeri_1643	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.8816
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.8813
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.896
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.8268
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.8358
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.8951
Listeria_seeligeri_1640	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.8835
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9419
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9682
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9675
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9727
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9409
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9464
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9563
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.943
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9529
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9487
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9484
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9491
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9484
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9534
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9322
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9333
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9337
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9333
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9497
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9497
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9337
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9337
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9337
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9555
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9563
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9563
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9356
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_serotype_1_2a_str_10-0933_1196169	0.9356</

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Listeria_monocytogenes_serotype_4b_str_02-1103_1196171
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195
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Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163
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Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176
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Listeria_monocytogenes_SLCC2540_879089
Listeria_monocytogenes_SLCC2479_882020
Listeria_monocytogenes_SLCC2378_879088
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Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	0.9538
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	0.9316
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	0.9316
Listeria_monocytogenes_serotype_1_2a_str_99-6370_1196179	Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	0.9876
Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	0.9876
Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	0.9934
Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	Listeria_monocytogenes_serotype_1_2a_str_88-0478_1196176	0.0668
Listeria_welshimeri_1643	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.8641
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.8638
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.8702
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.8105
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.8321
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.8676
Listeria_seeligeri_1640	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.865
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.9164
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.9517
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.9482
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.9515
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.9174
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.9345
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.9516
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.9174
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.9216
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.9439
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.9225
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.9337
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.9225
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.9292
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.9135
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.9145
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.9149
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.9145
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.9263
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.9263
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.916
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.916
Listeria_monocytogenes_serotype_4b_str_02-1103_1196171	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.916
Listeria_monocytogenes_serotype_3c_str_10-5027_1196195	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.9535
Listeria_monocytogenes_serotype_1_2c_str_10-5026_1196194	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.9542
Listeria_monocytogenes_serotype_1_2c_str_10-5025_1196193	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.9542
Listeria_monocytogenes_serotype_1_2b_str_10-0811_1196164	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.9342
Listeria_monocytogenes_serotype_1_2b_str_10-0810_1196163	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.9342
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Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	Listeria_monocytogenes_serotype_1_2a_str_95-0093_1196177	0.992
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Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	0.8669
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Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	0.9468
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	0.9422
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Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_serotype_1_2a_str_98-2035_1196178	0.9128
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0.9825
0.9628
0.9911
0.9922
0.9918
0.9925
0.9629
0.9629
1
1
0.0672
0.8818
0.8812
0.8744
0.8228
0.8257
0.8847
0.8833
0.9849
0.9197
0.9372
0.9231
0.9361
0.9433
0.924
0.9864
0.9302
0.9169
0.9825
0.9095

Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	0.9825
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	0.9628
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	0.9911
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	0.9922
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	0.9918
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	0.9925
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	0.9629
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	0.9629
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	1
Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	Listeria_monocytogenes_serotype_4b_str_02-1289_1196172	0.0672
Listeria_welshimeri_1643	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.8818
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.8812
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.8744
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.8228
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.8257
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.8847
Listeria_seeligeri_1640	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.8833
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.9849
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.9197
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.9372
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.9231
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.9361
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.9433
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.924
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.9864
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.9302
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.9169
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.9825
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.9095
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.9825
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.9628
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.9911
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.9922
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.9918
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.9925
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.9629
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.9629
Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	Listeria_monocytogenes_serotype_4b_str_02-1792_1196173	0.0672
Listeria_welshimeri_1643	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.8888
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.8885
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.8923
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.8329
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.8333
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.8972
Listeria_seeligeri_1640	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.886
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.9721
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.9368
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.9431
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.9414
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.9514
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.9501
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.9308
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.9728
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.9442
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.9234
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.9792
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.9173
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.9792
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.9811
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.9614
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.9625
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.9632
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.9629
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	1
Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	Listeria_monocytogenes_serotype_4b_str_02-6679_1196174	0.0651
Listeria_welshimeri_1643	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.8888
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.8885
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.8923
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.8329
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.8333
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.8972
Listeria_seeligeri_1640	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.886
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.9721
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.9368
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.9431
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.9414
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.9514
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.9501
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.9308
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.9728
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.9442
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.9234
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.9792
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.9173
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.9792
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.9811
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.9614
Listeria_monocytogenes_serotype_4b_str_81-0592_1196160	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.9625
Listeria_monocytogenes_serotype_4b_str_81-0558_1196159	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.9632
Listeria_monocytogenes_serotype_4b_str_10-0809_1196162	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.9629
Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	Listeria_monocytogenes_serotype_4b_str_02-6680_1196175	0.0651

Listeria_welshimeri_1643
 Listeria_welshimeri_serovar_6b_str_SLCC5334_386043
 Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837
 Listeria_seeligeri_FSL_S4-171_702452
 Listeria_seeligeri_FSL_N1-067_702453
 Listeria_seeligeri_1640_v1
 Listeria_seeligeri_1640
 Listeria_monocytogenes_WSLC1042_1457188
 Listeria_monocytogenes_WSLC1001_1457187
 Listeria_monocytogenes_SLCC7179_879090
 Listeria_monocytogenes_SLCC5850_882096
 Listeria_monocytogenes_SLCC2755_932919
 Listeria_monocytogenes_SLCC2540_879089
 Listeria_monocytogenes_SLCC2479_882020
 Listeria_monocytogenes_SLCC2378_879088
 Listeria_monocytogenes_SLCC2376_882097
 Listeria_monocytogenes_SLCC2372_932920
 Listeria_monocytogenes_serotype_4b_str_LL195_1230340
 Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669
 Listeria_monocytogenes_serotype_4b_str_F2365_265669
 Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819
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 Listeria_monocytogenes_serotype_4b_str_81-0592_1196160
 Listeria_monocytogenes_serotype_4b_str_81-0558_1196159
 Listeria_monocytogenes_serotype_4b_str_10-0809_1196162
 Listeria_welshimeri_1643
 Listeria_welshimeri_serovar_6b_str_SLCC5334_386043
 Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837
 Listeria_seeligeri_FSL_S4-171_702452
 Listeria_seeligeri_FSL_N1-067_702453
 Listeria_seeligeri_1640_v1
 Listeria_seeligeri_1640
 Listeria_monocytogenes_WSLC1042_1457188
 Listeria_monocytogenes_WSLC1001_1457187
 Listeria_monocytogenes_SLCC7179_879090
 Listeria_monocytogenes_SLCC5850_882096
 Listeria_monocytogenes_SLCC2755_932919
 Listeria_monocytogenes_SLCC2540_879089
 Listeria_monocytogenes_SLCC2479_882020
 Listeria_monocytogenes_SLCC2378_879088
 Listeria_monocytogenes_SLCC2376_882097
 Listeria_monocytogenes_SLCC2372_932920
 Listeria_monocytogenes_serotype_4b_str_LL195_1230340
 Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669
 Listeria_monocytogenes_serotype_4b_str_F2365_265669
 Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819
 Listeria_monocytogenes_serotype_4b_str_81-0861_1196161
 Listeria_monocytogenes_serotype_4b_str_81-0592_1196160
 Listeria_monocytogenes_serotype_4b_str_81-0558_1196159
 Listeria_welshimeri_1643
 Listeria_welshimeri_serovar_6b_str_SLCC5334_386043
 Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837
 Listeria_seeligeri_FSL_S4-171_702452
 Listeria_seeligeri_FSL_N1-067_702453
 Listeria_seeligeri_1640_v1
 Listeria_seeligeri_1640
 Listeria_monocytogenes_WSLC1042_1457188
 Listeria_monocytogenes_WSLC1001_1457187
 Listeria_monocytogenes_SLCC7179_879090
 Listeria_monocytogenes_SLCC5850_882096
 Listeria_monocytogenes_SLCC2755_932919
 Listeria_monocytogenes_SLCC2540_879089
 Listeria_monocytogenes_SLCC2479_882020
 Listeria_monocytogenes_SLCC2378_879088
 Listeria_monocytogenes_SLCC2376_882097
 Listeria_monocytogenes_SLCC2372_932920
 Listeria_monocytogenes_serotype_4b_str_LL195_1230340
 Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669

[illegible]

Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	0.9807
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	0.9609
Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	Listeria_monocytogenes_serotype_4b_str_81-0861_1196161	0.0652
Listeria_welshimeri_1643	Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	0.8863
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	0.8856
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	0.8905
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	0.8329
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	0.831
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	0.8966
Listeria_seeligeri_1640	Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	0.8888
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	0.9716
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	0.9385
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	0.9434
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	0.9432
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	0.9532
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	0.953
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	0.9337
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	0.9727
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	0.9508
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	0.9263
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	0.9791
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	0.9187
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	0.9791
Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	Listeria_monocytogenes_serotype_4b_str_CLIP_80459_568819	0.065
Listeria_welshimeri_1643	Listeria_monocytogenes_serotype_4b_str_F2365_265669	0.8872
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_serotype_4b_str_F2365_265669	0.8865
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_serotype_4b_str_F2365_265669	0.8883
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_serotype_4b_str_F2365_265669	0.8296
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_serotype_4b_str_F2365_265669	0.8312
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_serotype_4b_str_F2365_265669	0.8979
Listeria_seeligeri_1640	Listeria_monocytogenes_serotype_4b_str_F2365_265669	0.887
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_serotype_4b_str_F2365_265669	0.9912
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_serotype_4b_str_F2365_265669	0.9317
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_serotype_4b_str_F2365_265669	0.9419
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_serotype_4b_str_F2365_265669	0.9364
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_serotype_4b_str_F2365_265669	0.9514
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_serotype_4b_str_F2365_265669	0.9542
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_serotype_4b_str_F2365_265669	0.9311
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_serotype_4b_str_F2365_265669	0.9927
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_serotype_4b_str_F2365_265669	0.9461
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_serotype_4b_str_F2365_265669	0.9237
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_serotype_4b_str_F2365_265669	0.9992
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_serotype_4b_str_F2365_265669	0.9119
Listeria_monocytogenes_serotype_4b_str_F2365_265669	Listeria_monocytogenes_serotype_4b_str_F2365_265669	0.0648
Listeria_welshimeri_1643	Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	0.8533
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	0.853
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	0.8607
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	0.7991
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	0.8117
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	0.8593
Listeria_seeligeri_1640	Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	0.8597
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	0.9049
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	0.9645
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	0.9445
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	0.9635
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	0.9106
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	0.9243
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	0.9385
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	0.9059
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	0.9183
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	0.9315
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	0.9119
Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	Listeria_monocytogenes_serotype_4b_str_LIS0087_1134669	0.0682
Listeria_welshimeri_1643	Listeria_monocytogenes_serotype_4b_str_LL195_1230340	0.8872
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_serotype_4b_str_LL195_1230340	0.8865
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_serotype_4b_str_LL195_1230340	0.8883
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_serotype_4b_str_LL195_1230340	0.8296
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_serotype_4b_str_LL195_1230340	0.8312
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_serotype_4b_str_LL195_1230340	0.8979
Listeria_seeligeri_1640	Listeria_monocytogenes_serotype_4b_str_LL195_1230340	0.887
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_serotype_4b_str_LL195_1230340	0.9912
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_serotype_4b_str_LL195_1230340	0.9317
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_serotype_4b_str_LL195_1230340	0.9419
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_serotype_4b_str_LL195_1230340	0.9364
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_serotype_4b_str_LL195_1230340	0.9514
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_serotype_4b_str_LL195_1230340	0.9542
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_serotype_4b_str_LL195_1230340	0.9311
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_serotype_4b_str_LL195_1230340	0.9927
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_serotype_4b_str_LL195_1230340	0.9461
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_serotype_4b_str_LL195_1230340	0.9237
Listeria_monocytogenes_serotype_4b_str_LL195_1230340	Listeria_monocytogenes_serotype_4b_str_LL195_1230340	0.0645
Listeria_welshimeri_1643	Listeria_monocytogenes_SLCC2372_932920	0.862
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_SLCC2372_932920	0.8617
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_SLCC2372_932920	0.8692
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_SLCC2372_932920	0.8123
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_SLCC2372_932920	0.8334
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_SLCC2372_932920	0.8738
Listeria_seeligeri_1640	Listeria_monocytogenes_SLCC2372_932920	0.8651
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_SLCC2372_932920	0.9183
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_SLCC2372_932920	0.954
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_SLCC2372_932920	0.9422

Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_SLCC2372_932920	0.947
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_SLCC2372_932920	0.9308
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_SLCC2372_932920	0.9361
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_SLCC2372_932920	0.9908
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_SLCC2372_932920	0.9194
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_SLCC2372_932920	0.9248
Listeria_monocytogenes_SLCC2372_932920	Listeria_monocytogenes_SLCC2372_932920	0.071
Listeria_welshimeri_1643	Listeria_monocytogenes_SLCC2376_882097	0.889
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_SLCC2376_882097	0.8887
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_SLCC2376_882097	0.8929
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_SLCC2376_882097	0.8312
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_SLCC2376_882097	0.8277
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_SLCC2376_882097	0.8892
Listeria_seeligeri_1640	Listeria_monocytogenes_SLCC2376_882097	0.8865
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_SLCC2376_882097	0.9392
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_SLCC2376_882097	0.9383
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_SLCC2376_882097	0.9436
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_SLCC2376_882097	0.9427
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_SLCC2376_882097	0.9293
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_SLCC2376_882097	0.9363
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_SLCC2376_882097	0.9326
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_SLCC2376_882097	0.9403
Listeria_monocytogenes_SLCC2376_882097	Listeria_monocytogenes_SLCC2376_882097	0.064
Listeria_welshimeri_1643	Listeria_monocytogenes_SLCC2378_879088	0.8883
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_SLCC2378_879088	0.8876
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_SLCC2378_879088	0.8828
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_SLCC2378_879088	0.8248
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_SLCC2378_879088	0.8285
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_SLCC2378_879088	0.8939
Listeria_seeligeri_1640	Listeria_monocytogenes_SLCC2378_879088	0.8817
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_SLCC2378_879088	0.9966
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_SLCC2378_879088	0.9257
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_SLCC2378_879088	0.9361
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_SLCC2378_879088	0.9303
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_SLCC2378_879088	0.946
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_SLCC2378_879088	0.9503
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_SLCC2378_879088	0.9266
Listeria_monocytogenes_SLCC2378_879088	Listeria_monocytogenes_SLCC2378_879088	0.0648
Listeria_welshimeri_1643	Listeria_monocytogenes_SLCC2479_882020	0.8685
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_SLCC2479_882020	0.8681
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_SLCC2479_882020	0.8754
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_SLCC2479_882020	0.8173
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_SLCC2479_882020	0.8381
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_SLCC2479_882020	0.8785
Listeria_seeligeri_1640	Listeria_monocytogenes_SLCC2479_882020	0.8712
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_SLCC2479_882020	0.9256
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_SLCC2479_882020	0.9607
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_SLCC2479_882020	0.9498
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_SLCC2479_882020	0.9545
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_SLCC2479_882020	0.9228
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_SLCC2479_882020	0.9431
Listeria_monocytogenes_SLCC2479_882020	Listeria_monocytogenes_SLCC2479_882020	0.0691
Listeria_welshimeri_1643	Listeria_monocytogenes_SLCC2540_879089	0.8793
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_SLCC2540_879089	0.8786
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_SLCC2540_879089	0.8811
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_SLCC2540_879089	0.8202
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_SLCC2540_879089	0.8347
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_SLCC2540_879089	0.886
Listeria_seeligeri_1640	Listeria_monocytogenes_SLCC2540_879089	0.8762
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_SLCC2540_879089	0.9489
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_SLCC2540_879089	0.9461
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_SLCC2540_879089	0.9387
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_SLCC2540_879089	0.9473
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_SLCC2540_879089	0.9421
Listeria_monocytogenes_SLCC2540_879089	Listeria_monocytogenes_SLCC2540_879089	0.0653
Listeria_welshimeri_1643	Listeria_monocytogenes_SLCC2755_932919	0.8672
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_SLCC2755_932919	0.8666
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_SLCC2755_932919	0.8831
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_SLCC2755_932919	0.8163
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_SLCC2755_932919	0.8301
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_SLCC2755_932919	0.8873
Listeria_seeligeri_1640	Listeria_monocytogenes_SLCC2755_932919	0.8764
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_SLCC2755_932919	0.9442
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_SLCC2755_932919	0.9294
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_SLCC2755_932919	0.9333
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_SLCC2755_932919	0.934
Listeria_monocytogenes_SLCC2755_932919	Listeria_monocytogenes_SLCC2755_932919	0.0692
Listeria_welshimeri_1643	Listeria_monocytogenes_SLCC5850_882096	0.8799
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_SLCC5850_882096	0.8793
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_SLCC5850_882096	0.8837
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_SLCC5850_882096	0.8186
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_SLCC5850_882096	0.8336
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_SLCC5850_882096	0.8813
Listeria_seeligeri_1640	Listeria_monocytogenes_SLCC5850_882096	0.8765
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_SLCC5850_882096	0.9289
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_SLCC5850_882096	0.9928
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_SLCC5850_882096	0.9587
Listeria_monocytogenes_SLCC5850_882096	Listeria_monocytogenes_SLCC5850_882096	0.0681
Listeria_welshimeri_1643	Listeria_monocytogenes_SLCC7179_879090	0.8755
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_SLCC7179_879090	0.8749
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_SLCC7179_879090	0.887

Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_SLCC7179_879090	0.8225
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_SLCC7179_879090	0.8317
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_SLCC7179_879090	0.8854
Listeria_seeligeri_1640	Listeria_monocytogenes_SLCC7179_879090	0.8843
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_SLCC7179_879090	0.9347
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_SLCC7179_879090	0.9559
Listeria_monocytogenes_SLCC7179_879090	Listeria_monocytogenes_SLCC7179_879090	0.0645
Listeria_welshimeri_1643	Listeria_monocytogenes_WSLC1001_1457187	0.8759
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_WSLC1001_1457187	0.8752
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_WSLC1001_1457187	0.8788
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_WSLC1001_1457187	0.814
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_WSLC1001_1457187	0.8302
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_WSLC1001_1457187	0.8769
Listeria_seeligeri_1640	Listeria_monocytogenes_WSLC1001_1457187	0.8733
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_WSLC1001_1457187	0.9243
Listeria_monocytogenes_WSLC1001_1457187	Listeria_monocytogenes_WSLC1001_1457187	0.0807
Listeria_welshimeri_1643	Listeria_monocytogenes_WSLC1042_1457188	0.8869
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_monocytogenes_WSLC1042_1457188	0.8866
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_monocytogenes_WSLC1042_1457188	0.8818
Listeria_seeligeri_FSL_S4-171_702452	Listeria_monocytogenes_WSLC1042_1457188	0.8235
Listeria_seeligeri_FSL_N1-067_702453	Listeria_monocytogenes_WSLC1042_1457188	0.8276
Listeria_seeligeri_1640_v1	Listeria_monocytogenes_WSLC1042_1457188	0.8929
Listeria_seeligeri_1640	Listeria_monocytogenes_WSLC1042_1457188	0.8803
Listeria_monocytogenes_WSLC1042_1457188	Listeria_monocytogenes_WSLC1042_1457188	0.0661
Listeria_welshimeri_1643	Listeria_seeligeri_1640	0.8632
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_seeligeri_1640	0.8625
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_seeligeri_1640	0.9119
Listeria_seeligeri_FSL_S4-171_702452	Listeria_seeligeri_1640	0.8546
Listeria_seeligeri_FSL_N1-067_702453	Listeria_seeligeri_1640	0.8718
Listeria_seeligeri_1640_v1	Listeria_seeligeri_1640	0.9216
Listeria_seeligeri_1640	Listeria_seeligeri_1640	0.0562
Listeria_welshimeri_1643	Listeria_seeligeri_1640_v1	0.873
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_seeligeri_1640_v1	0.8726
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_seeligeri_1640_v1	0.9201
Listeria_seeligeri_FSL_S4-171_702452	Listeria_seeligeri_1640_v1	0.8494
Listeria_seeligeri_FSL_N1-067_702453	Listeria_seeligeri_1640_v1	0.87
Listeria_seeligeri_1640_v1	Listeria_seeligeri_1640_v1	0.069
Listeria_welshimeri_1643	Listeria_seeligeri_FSL_N1-067_702453	0.8126
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_seeligeri_FSL_N1-067_702453	0.8123
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_seeligeri_FSL_N1-067_702453	0.8633
Listeria_seeligeri_FSL_S4-171_702452	Listeria_seeligeri_FSL_N1-067_702453	0.8393
Listeria_seeligeri_FSL_N1-067_702453	Listeria_seeligeri_FSL_N1-067_702453	0.0507
Listeria_welshimeri_1643	Listeria_seeligeri_FSL_S4-171_702452	0.8155
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_seeligeri_FSL_S4-171_702452	0.8152
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_seeligeri_FSL_S4-171_702452	0.8439
Listeria_seeligeri_FSL_S4-171_702452	Listeria_seeligeri_FSL_S4-171_702452	0.0473
Listeria_welshimeri_1643	Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	0.8741
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	0.8737
Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	Listeria_seeligeri_serovar_1_2b_str_SLCC3954_683837	0.0526
Listeria_welshimeri_1643	Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	0.9992
Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	Listeria_welshimeri_serovar_6b_str_SLCC5334_386043	0.0607
Listeria_welshimeri_1643	Listeria_welshimeri_1643	0.0607