

Table S5. Counts of sequencing reads detected for each antimicrobial resistance gene (ARG) by metagenomic DNA-Seq analysis.

Tank ID	Original storage tank (influent)												Wastewater treatment tank 1 (ozone)												Wastewater treatment tank 2 (UV-LED)																		
Days (post treatment)	0		1		4		6		8		15		29		0		1		4		6		8		15		29		0		1		4		6		8		15		29		
Date (yyyy/mm/dd)	2022/11/24	2022/11/25	2022/11/28	2022/11/30	2022/12/2	2022/12/9	2022/12/23	2022/11/24	2022/11/25	2022/11/28	2022/11/30	2022/12/2	2022/12/9	2022/12/23	2022/11/24	2022/11/25	2022/11/28	2022/11/30	2022/12/2	2022/12/9	2022/12/23	2022/11/24	2022/11/25	2022/11/28	2022/11/30	2022/12/2	2022/12/9	2022/12/23	2022/11/24	2022/11/25	2022/11/28	2022/11/30	2022/12/2	2022/12/9	2022/12/23								
DNA conc. (ng/μL)	0.5	1.1	0.7	1.2	0.6	0.7	0.8	1.3	0.2	0.4	0.9	0.4	0.5	0.5	1.6	0.3	0.5	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7				
Metagenomic DNA-Seq (total reads)	11,582,944	9,522,760	10,930,972	14,612,292	6,266,006	7,804,732	9,109,754	13,422,972	4,136,692	3,915,644	8,303,814	4,652,696	3,947,254	3,882,996	16,972,968	1,278,874	1,353,090	8,760,408	6,925,536	7,833,522	6,123,684	7,833,522	6,123,684	7,833,522	6,123,684	7,833,522	6,123,684	7,833,522	6,123,684	7,833,522	6,123,684	7,833,522	6,123,684	7,833,522	6,123,684	7,833,522	6,123,684	7,833,522	6,123,684				
ARGs subtype																																											
Total ARGs	5,128	19,618	12,381	20,391	4,886	6,873	7,804	27,822	4,320	3,561	6,794	3,165	2,855	2,976	27,489	1,387	2,696	6,380	5,171	6,867	4,799	1,719	2,332	1,328	2,458	275	483	509	4,049	350	176	372	100	126	85	3,256	91	151	468	163	296	121	
beta_lactam_GES-15	1,420	1,684	1,043	1,771	274	469	477	2,980	337	204	373	120	151	127	2,502	112	135	510	226	334	243	1,420	1,684	1,043	1,771	274	469	477	2,980	337	204	373	120	151	127	2,502	112	135	510	226	334	243	
beta_lactam_GES-14	768	1,060	581	1,043	140	230	254	1,835	169	62	188	45	66	35	1,169	61	68	228	81	190	59	768	1,060	581	1,043	140	230	254	1,835	169	62	188	45	66	35	1,169	61	68	228	81	190	59	
beta_lactam_OXA-1	678	916	524	857	83	146	145	1,528	125	54	115	23	26	14	1,461	48	31	99	36	61	12	678	916	524	857	83	146	145	1,528	125	54	115	23	26	14	1,461	48	31	99	36	61	12	
tetracycline_tet(39)	274	1,202	259	1,763	173	191	229	1,336	234	149	483	91	141	175	2,044	118	73	348	212	395	372	274	1,202	259	1,763	173	191	229	1,336	234	149	483	91	141	175	2,044	118	73	348	212	395	372	
beta_lactam_GES-14AC(6)-31	518	728	341	729	79	149	134	1,102	114	42	126	33	42	30	866	39	30	113	43	69	43	518	728	341	729	79	149	134	1,102	114	42	126	33	42	30	866	39	30	113	43	69	43	
beta_lactam_GES-5	380	525	291	557	71	114	129	897	73	45	82	27	33	27	2,604	27	36	122	36	73	35	380	525	291	557	71	114	129	897	73	45	82	27	33	27	2,604	27	36	122	36	73	35	
aminoglycoside_aadA	318	351	213	382	79	109	102	660	74	46	72	24	30	27	563	21	37	132	53	88	57	318	351	213	382	79	109	102	660	74	46	72	24	30	27	563	21	37	132	53	88	57	
multidrug_qacEdelta1	293	362	214	371	59	99	98	616	73	45	92	27	18	23	482	26	44	106	50	62	46	293	362	214	371	59	99	98	616	73	45	92	27	18	23	482	26	44	106	50	62	46	
tetracycline_tet(36)	459	229	494	437	74	198	297	566	60	99	108	38	30	41	618	21	70	92	30	72	64	459	229	494	437	74	198	297	566	60	99	108	38	30	41	618	21	70	92	30	72	64	
aminoglycoside_APH(6)-Id	263	321	187	367	102	162	255	510	86	67	123	63	68	58	614	37	34	143	65	128	65	263	321	187	367	102	162	255	510	86	67	123	63	68	58	614	37	34	143	65	128	65	
aminoglycoside_APH(3)-Ib	239	246	156	273	84	139	172	474	70	65	108	43	38	34	497	18	35	107	61	89	37	239	246	156	273	84	139	172	474	70	65	108	43	38	34	497	18	35	107	61	89	37	
beta_lactam_GES-20	178	212	151	232	29	45	49	371	27	31	35	16	16	8	331	10	20	43	16	35	16	178	212	151	232	29	45	49	371	27	31	35	16	16	8	331	10	20	43	16	35	16	
beta_lactam_tet(10)	318	289	395	503	351	275	382	334	86	63	196	150	50	86	412	22	32	79	232	54	37	318	289	395	503	351	275	382	334	86	63	196	150	50	86	412	22	32	79	232	54	37	
beta_lactam_GES-4	137	156	104	213	36	74	70	306	60	33	40	29	29	17	264	10	27	96	35	68	22	137	156	104	213	36	74	70	306	60	33	40	29	29	17	264	10	27	96	35	68	22	
beta_lactam_GES-21	127	172	87	163	25	17	37	293	19	6	16	12	11	6	214	7	6	30	12	22	6	127	172	87	163	25	17	37	293	19	6	16	12	11	6	214	7	6	30	12	22	6	
beta_lactam_OXA-58	94	47	52	53	16	64	147	289	98	183	233	73	127	185	595	35	120	49	211	560	410	94	47	52	53	16	64	147	289	98	183	233	73	127	185	595	35	120	49	211	560	410	
beta_lactam_OXA-140	109	149	82	124	8	14	21	258	19	13	22	5	3	2	186	8	6	12	8	8	5	109	149	82	124	8	14	21	258	19	13	22	5	3	2	186	8	6	12	8	8	5	
multidrug_qacE	116	132	77	127	18	21	40	250	29	15	33	8	9	12	217	15	19	37	17	27	20	116	132	77	127	18	21	40	250	29	15	33	8	9	12	217	15	19	37	17	27	20	
beta_lactam_GES-6	105	141	111	185	20	45	44	246	28	14	19	7	10	6	242	11	13	40	7	22	8	105	141	111	185	20	45	44	246	28	14	19	7	10	6	242	11	13	40	7	22	8	
polymyxin_rna	200	164	107	175	43	62	36	241	38	30	78	33	16	29	233	11	18	50	36	30	42	200	164	107	175	43	62	36	241	38	30	78	33	16	29	233	11	18	50	36	30	42	
polymyxin_ugd	175	145	143	208	68	84	103	237	65	53	81	59	37	29	244	17	31	79	59	73	67	175	145	143	208	68	84	103	237	65	53	81	59	37	29	244	17	31	79	59	73	67	
beta_lactam_CMY-8	84	107	51	94	17	13	14	210	27	4	26	4	4	2	177	8	6	16	2	4	2	84	107	51	94	17	13	14	210	27	4	26	4	4	2	177	8	6	16	2	4	2	
bacitracin_bacA	184	182	192	224	115	169	189	193	107	98	163	105	75	93	259	34	72	122	144	160	142	184	182	192	224	115	169	189	193	107	98	163	105	75	93	259	34	72	122	144	160	142	
beta_lactam_tet(9)	225	178	102	225	157	179	201	179	101	90	161	137	3	9	187	3	6	19	63	11	12	225	178	102	225	157	179	201	179	101	90	161	137	3	9	187	3	6	19	63	11	12	
aminoglycoside_aadS	175	62	145	63	26	56	57	161	13	18	32	12	9	25	265	5	19	48	18	45	11	175	62	145	63	26	56	57	161	13	18	32	12	9	25	265	5	19	48	18	45	11	
beta_lactam_APH(3)-Via	66	60	64	118	20	44	60	148	27	15	25	10	21	14	109	9	24	125	36	118	46	66	60	64	118	20	44	60	148	27	15	25	10	21	14	109	9	24	125	36	118	46	
macrolide-lincosamide-streptogramin_mef(B)	173	67	143	126	19	40	43	144	16	21	38	4	6	11	150	3	14	20	9	2	11	173	67	143	126	19	40	43	144	16	21	38	4	6	11	150	3	14	20	9	2	11	
tetracycline_tet(10)	226	89	135	113	88	73	99	143	27	22	31	43	11	15	153	8	12	20	44	20	7	226	89	135	113	88	73	99	143	27	22	31	43	11	15	153	8	12	20	44	20	7	
beta_lactam_OXA-464	38	62	43	74	8	24	26	139	9	5	12	6	8	6	129	5	5	5	5	9	19	22	38	62	43	74	8	24	26	139	9	5	12	6	8	6	129	5	5	5	5	9	19
multidrug_qacH	73	45	47	92	16	32	32	129	15	13	26	13	11	8	135	3	17	47	29	20	20	73	45	47	92	16	32	32	129	15	13	26	13	11	8	135	3	17	47	29	20	20	
tetracycline_tet(10)	68	65	64	83	17	39	51	128	29	16	21	11	12	20	162	6	14	21	13	35	26	68	65	64	83	17	39	51	128	29	16	21	11	12	20	162	6	14	21	13	35	26	
beta_lactam_MOX-1	61	58	30	47	6	11	8	105	17	5	14	0	2	2	105	7																											

aminoglycoside__ANT(6)-Ib	16	19	25	17	5	14	13	24	1	3	9	3	1	1	23	1	1	0	2	1	1
beta_lactam__OXA-427	23	32	25	19	14	31	34	24	15	6	8	7	10	9	38	7	4	31	11	17	27
aminoglycoside__aadA22	14	6	7	16	4	4	3	23	4	3	7	3	2	1	11	1	3	5	2	2	2
beta_lactam__ClnA5	27	7	24	28	16	18	16	23	5	6	12	8	0	3	40	1	3	1	20	4	3
beta_lactam__OXA-86	8	4	3	3	1	6	11	23	10	23	13	10	9	17	46	3	12	34	11	49	27
aminoglycoside__APH(3)-Ia	10	15	10	22	8	19	16	21	5	2	3	10	1	9	24	2	5	4	7	8	8
beta_lactam__ClnA3	12	10	16	28	12	10	22	21	1	2	10	7	0	1	16	0	1	7	10	1	1
aminoglycoside__AAC(6)-Ib7	8	15	8	15	4	7	6	20	5	5	4	2	3	1	24	3	3	5	6	9	2
beta_lactam__GES-10	8	5	7	13	3	3	2	20	1	3	3	0	0	3	15	1	2	9	2	0	1
tetracycline__tet(40)	25	20	24	28	24	15	31	20	1	4	8	7	1	5	19	0	2	4	9	2	1
multidrug__MexE	14	14	13	18	4	7	3	20	6	6	9	5	3	5	21	1	5	13	11	6	5
aminoglycoside__aadA25	6	5	12	11	2	2	0	19	0	3	4	0	1	0	11	2	1	2	1	1	1
chloramphenicol__Campylobacter coli chloramph	10	9	21	18	2	8	8	19	2	1	4	2	0	0	18	1	0	4	5	0	2
beta_lactam__Klebsiella pneumoniae OmpK37	21	15	22	26	13	14	10	15	7	11	10	6	8	5	26	2	2	13	20	11	11
macrolide-incosamide-streptogramin__lin(C)	37	15	12	24	17	13	20	18	1	3	16	10	2	10	22	1	1	7	22	2	3
macrolide-incosamide-streptogramin__lca(B)	22	11	20	23	7	6	12	18	1	1	10	6	1	2	15	0	0	4	8	1	0
other_peptide_antibiotics__AmT	19	9	22	11	8	23	20	18	5	8	13	11	12	11	17	2	4	11	10	15	17
tetracycline__tet(OW)	16	9	21	21	10	11	14	18	1	1	8	8	2	2	10	0	0	5	6	0	1
beta_lactam__CepS	7	13	6	15	4	8	13	17	6	2	1	2	1	3	24	1	1	6	7	4	4
beta_lactam__CTX-M-3	10	7	6	3	7	8	8	17	2	6	2	5	5	5	4	0	2	17	5	5	5
quinolone__OtrS5	8	6	4	12	5	12	15	17	3	6	7	4	7	7	23	2	2	12	4	9	7
aminoglycoside__AAC(6)-Ib10	10	8	6	15	6	2	4	16	3	3	5	2	3	1	13	0	4	12	7	5	2
multidrug__smeE	14	13	8	15	2	7	9	15	5	4	10	4	7	8	19	1	5	13	6	9	12
aminoglycoside__AAC(6)-Ib-Hangzhou	7	5	2	6	3	1	3	15	6	0	2	2	3	5	20	0	4	5	4	9	2
aminoglycoside__AAC(6)-Ilc	8	8	4	12	2	7	4	15	3	1	1	5	1	3	11	4	2	17	3	20	1
beta_lactam__ClnA6	24	26	23	44	40	33	63	15	7	3	13	21	4	18	21	0	0	5	49	1	8
beta_lactam__OXA-34	4	4	3	3	0	4	5	15	3	0	4	0	0	2	17	0	0	5	3	6	1
multidrug__MuxB	11	9	10	13	7	14	14	15	12	11	26	13	13	10	20	2	18	51	24	26	29
aminoglycoside__AAC(6)-Ib8	13	5	6	14	4	7	6	14	0	2	9	3	4	1	13	2	1	6	5	4	2
beta_lactam__OXA-420	8	2	3	4	0	4	10	14	4	8	12	6	12	13	27	1	4	21	12	35	29
multidrug__mdtE	10	13	15	14	5	8	9	14	3	4	11	5	3	4	16	1	2	10	10	4	4
trimethoprim__dfrA3	5	10	3	8	4	6	2	14	3	1	5	1	0	0	23	1	1	0	1	1	4
macrolide-incosamide-streptogramin__linu(H)	0	1	6	10	1	8	4	13	1	0	1	1	0	0	17	0	1	4	2	15	1
tetracycline__tbtE	12	6	15	8	3	14	16	13	8	9	2	6	1	4	18	0	1	7	7	3	11
multidrug__MexC	10	5	3	8	3	7	7	13	4	3	4	2	0	1	12	2	2	13	3	11	4
aminoglycoside__AAC(6)-Ib	6	7	3	12	2	4	4	12	4	3	7	1	0	2	13	1	2	13	9	7	7
aminoglycoside__ANT(3)-II-AAC(6)-IId fusion pro	3	4	5	13	1	1	2	12	1	0	3	0	2	2	16	0	2	1	1	0	2
chloramphenicol__catB8	4	2	4	4	0	5	13	12	1	1	6	2	2	0	7	1	1	20	20	4	4
macrolide-incosamide-streptogramin__erm(35)	13	5	6	11	0	3	5	12	4	0	4	1	1	1	12	0	1	0	0	5	1
aminoglycoside__AAC(6)-Ia	8	17	20	16	17	43	58	11	3	1	8	5	2	2	24	0	4	2	6	13	31
aminoglycoside__aadA17	2	4	4	6	1	2	5	11	0	0	0	0	0	1	8	0	0	4	1	1	0
beta_lactam__Escherichia coli ampC	8	5	9	6	3	4	7	11	2	1	4	9	1	3	8	0	2	1	7	1	0
beta_lactam__GES-3	12	6	7	5	2	3	1	11	2	1	2	1	2	1	8	1	0	7	1	4	2
beta_lactam__MOX-2	6	11	3	8	4	2	5	11	5	1	0	3	5	12	1	3	4	4	1	1	4
beta_lactam__MOX-7	6	3	5	0	0	8	16	11	4	0	1	2	0	7	13	2	1	1	2	1	5
macrolide-incosamide-streptogramin__linu(B)	19	4	14	5	1	2	4	11	1	0	2	1	0	2	5	1	0	0	0	1	0
polymyxin__mcr-9.1	6	6	6	1	1	1	2	11	1	1	2	0	1	2	5	1	1	7	4	1	1
multidrug__MexD	9	8	8	10	2	7	4	10	9	7	18	9	6	2	15	3	9	37	13	23	11
aminoglycoside__AAC(6)-Ib-Suzhou	5	3	4	5	2	3	1	10	2	0	3	2	0	0	3	0	2	6	2	3	4
aminoglycoside__APH(3)-Ila	17	12	16	15	9	13	11	10	3	0	6	3	2	2	9	1	0	2	3	3	1
beta_lactam__IMP-42	3	7	8	9	2	4	6	10	3	4	13	6	3	3	4	1	9	7	15	9	7
beta_lactam__OXA-724	9	11	2	17	7	10	12	10	8	0	6	3	1	5	12	0	2	6	3	3	4
multidrug__scrE	11	4	11	10	3	4	4	10	3	6	7	4	1	3	11	2	2	7	4	5	2
multidrug__mtrD	6	9	10	13	5	6	3	10	4	4	6	3	0	2	10	1	1	2	3	2	1
pleuromutilin__lamulin__TaeA	17	3	16	12	10	11	8	10	2	0	4	4	1	3	12	1	0	1	0	1	0
tetracycline__tet(WINW)	3	6	6	15	2	11	5	10	0	1	1	3	2	0	13	0	0	3	4	2	1
trimethoprim__dfrA27	5	2	2	5	1	4	4	10	1	2	3	2	2	3	4	1	1	2	0	1	0
multidrug__ogxB	8	4	8	6	8	11	5	10	5	4	7	6	5	7	9	1	2	6	8	10	6
beta_lactam__GES-22	4	0	0	4	0	1	0	9	0	1	1	1	0	0	5	0	0	0	2	2	1
beta_lactam__TEM-117	4	5	4	2	5	5	4	9	1	5	3	3	3	2	11	0	1	4	3	2	2
florfenicol__floR	8	8	8	13	4	7	8	9	9	5	8	7	4	3	15	0	2	18	9	5	4
macrolide-incosamide-streptogramin__lca(E)	17	4	16	12	3	3	6	9	3	1	4	0	0	0	15	0	0	2	0	0	2
beta_lactam__smrB	7	7	5	4	2	3	4	9	2	3	5	3	2	2	8	1	0	3	6	4	4
aminoglycoside__aadA21	5	5	4	4	2	3	2	8	1	1	0	2	1	1	10	2	0	0	3	1	0
beta_lactam__CMY-59	4	5	7	6	0	0	1	8	1	1	1	0	1	1	1	1	1	0	1	0	0
beta_lactam__OXA-275	6	14	7	33	2	6	4	8	10	10	9	2	2	0	30	6	2	13	8	11	3
beta_lactam__OXA-392	4	1	0	2	0	1	0	8	0	0	1	0	0	0	7	0	0	0	0	0	0
beta_lactam__OXA-397	1	2	0	1	0	0	0	8	1	3	3	2	2	6	9	0	2	10	4	11	12
mupirocin__mupB	7	1	5	4	0	2	0	8	0	1	1	1	0	0	4	0	0	1	0	0	1
tetracycline__tetB(P)	8	7	6	6	1	5	6	8	4	3	3	2	3	1	13	1	5	3	1	1	2
aminoglycoside__aad(6)	8	4	10	8	3	3	4	7	0	3	1	4	0	1	9	0	0	0	1	0	2
multidrug__aadA24	4	3	2	3	2	1	1	7	1	1	0	0	3	0	5	0	0	2	1	2	1
beta_lactam__ClnA4	7	10	13	9	10	3	4	13	5	7	4	0	2	12	8	2	2	3	8	3	0
beta_lactam__OXA-118	10	6	2	1	0	2	1	7	2	1	2	0	0	0	9	0	0	2	1	2	1
beta_lactam__OXA-296	3	17	3	23	7	4	2	7	3	1	6	1	0	0	13	1	0	7	4	0	1
beta_lactam__OXA-324	1	7	4	20	1	2	2	7	5	0	5	0	1	0	16	0	2	2	0	2	1
chloramphenicol__Vibrio anguillarum chlorampheni	5	0	5	0	3	4	5	7	1	1	1	2	1	0	5	0	0	1	1	0	2
multidrug__abeS	3	5	0	9	3	2	0	7	4	2	1	0	0	0	10	0	1	1	0	1	1
multidrug__MexF	6	6	7	8	5	3	3	7	19	13	26	16	9	6	14	2	16	24	22	14	11
quinolone__OtrA1	3	5	2	2	2	3	1	7	0	1	2	0	0	0	3	0	2	2	0	1	0
tetracycline__tetA(P)	8	2	6	5	0	5	5	7	2	1	4	3	3	2	14	0	0	3	2	1	1
vancomycin__vanG	4	4	8	6	1	7	6	7	0	0	0	1	0	0	4	0	1				

rifamycin_arr-3	2	2	1	2	1	2	1	4	0	0	3	1	1	0	2	0	0	0	0	0	1
tetracycline_tetX3	2	3	3	3	0	3	6	4	1	0	0	3	1	2	5	0	0	1	2	1	3
tetracycline_tetX6	2	1	2	1	0	1	1	4	1	0	0	0	0	0	1	0	0	0	1	3	0
trimethoprim_dfrI	4	3	5	2	5	3	4	4	1	1	2	4	2	0	4	0	0	2	4	0	0
multidrug_cfb	3	3	3	1	5	3	1	4	0	1	2	2	0	1	1	0	1	0	2	1	0
aminoglycoside__AAC(3)-IId	3	2	1	3	0	0	1	3	1	1	2	1	0	1	8	1	2	3	2	1	0
aminoglycoside__AAC(6)-IId3	1	0	0	0	0	0	0	3	0	0	0	0	0	0	2	0	1	0	0	1	
aminoglycoside__aadA15	1	1	0	0	0	1	0	3	0	0	1	0	0	0	3	0	0	0	0	0	
aminoglycoside__armA	1	0	0	0	1	1	0	3	1	0	1	0	0	0	2	0	0	2	0	0	
beta_lactam__ACI-1	4	2	5	6	7	3	9	3	0	0	3	5	1	1	4	0	0	1	7	0	0
beta_lactam__CTX-M-55	1	2	1	3	2	1	3	3	0	1	1	0	2	2	3	0	0	3	2	1	1
beta_lactam__GES-12	3	3	2	6	0	1	1	3	1	0	2	1	0	0	8	0	1	1	0	2	1
beta_lactam__GES-8	0	6	1	1	2	0	0	3	1	0	0	0	0	0	1	0	1	1	0	0	0
beta_lactam__IMP-10	1	1	1	1	2	0	1	3	2	0	0	1	0	1	1	0	2	2	4	1	0
beta_lactam__MOX-4	5	5	1	4	7	5	4	3	4	0	3	7	5	2	4	1	0	7	4	4	11
beta_lactam__OXA-139	2	0	4	9	0	7	8	3	1	31	42	28	35	46	6	0	40	63	73	34	60
beta_lactam__OXA-147	1	1	2	1	2	2	2	3	0	0	0	0	1	0	1	0	2	0	0	0	0
beta_lactam__OXA-300	0	0	2	1	0	0	0	3	5	6	0	0	0	1	7	0	2	3	0	1	0
beta_lactam__OXA-355	0	0	0	0	0	0	1	3	5	1	4	0	0	0	4	1	1	3	1	1	1
beta_lactam__VEB-7	2	1	1	1	1	1	1	3	0	0	0	0	1	0	0	0	0	0	0	1	0
beta_lactam__VIM-2	4	2	3	10	1	3	7	3	1	5	2	1	1	1	13	0	0	0	0	0	1
chloramphenicol__catII from Escherichia coli K-12	5	3	3	1	1	2	2	3	5	1	3	1	2	13	5	1	2	14	3	15	36
chloramphenicol__cmiA4	1	2	1	0	0	0	2	3	3	4	0	2	1	1	7	0	0	1	0	3	3
macrolide-lincosamide-streptogramin__Erm(S2)	7	3	8	3	2	4	2	3	1	0	0	1	0	0	12	0	0	1	1	0	1
macrolide-lincosamide-streptogramin__mef(C)	3	3	13	6	0	6	1	3	0	1	1	3	1	2	11	0	1	1	1	5	3
multidrug_Klebsiella pneumoniae acrA	4	3	2	4	5	5	3	3	1	3	4	3	1	4	4	1	1	3	3	3	0
multidrug_Other_major_facilitator_superfamily_1	5	5	8	6	4	3	12	3	1	3	2	5	3	1	7	0	0	4	10	4	1
polymyxin_mcr-3.7	1	1	0	1	0	2	0	3	0	0	2	0	0	0	2	0	0	0	0	0	0
quinolone__QnrVC1	0	1	0	2	0	0	1	3	1	0	0	0	0	0	0	0	0	0	0	1	0
trimethoprim_dfrA1	3	1	2	2	0	3	0	3	0	2	3	1	1	1	2	0	1	1	2	3	0
multidrug_mdsB	2	5	4	4	2	3	2	3	1	4	2	2	2	5	7	1	1	7	5	7	4
aminoglycoside__aadA10	4	1	1	4	2	0	0	2	2	2	2	1	3	1	3	0	0	3	1	0	1
aminoglycoside__APH(2'')-II	3	1	2	2	1	1	2	2	1	0	1	0	0	0	1	0	0	0	1	1	1
lactacin__lactA	2	5	4	3	1	2	1	2	2	0	1	3	1	1	1	0	0	1	0	0	0
beta_lactam__CFE-1	4	6	2	4	1	1	1	2	0	1	1	1	1	1	4	1	0	1	3	1	1
beta_lactam__CMY-34	3	2	1	2	0	0	1	2	0	1	0	0	1	0	3	0	0	0	0	0	0
beta_lactam__CMY-45	1	0	2	0	0	1	0	2	0	1	2	0	0	0	0	0	0	0	0	0	0
beta_lactam__CMY-65	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0
beta_lactam__cphA3	1	0	0	0	0	0	0	2	0	0	0	0	1	0	1	0	0	0	0	0	0
beta_lactam__cphA7	2	3	2	12	2	3	5	2	3	0	3	0	0	0	9	2	0	2	1	2	0
beta_lactam__CTX-M-108	1	1	2	0	0	0	0	2	0	2	3	0	2	1	0	1	0	1	0	3	1
beta_lactam__CTX-M-123	3	2	2	1	1	1	1	2	0	0	2	4	3	0	1	1	1	2	4	0	2
beta_lactam__CTX-M-137	0	0	3	0	1	0	0	2	0	0	0	1	0	0	0	1	0	0	0	3	3
beta_lactam__FOX-5	0	0	2	0	0	2	2	2	0	0	0	0	0	0	1	0	0	0	0	0	0
beta_lactam__GES-26	3	0	1	3	1	0	1	2	0	0	1	0	0	0	2	0	0	0	0	1	0
beta_lactam__GES-9	1	3	1	2	0	0	0	2	0	1	0	0	0	0	3	0	0	2	1	0	0
beta_lactam__IMP-40	0	2	1	0	1	0	5	2	0	0	1	0	0	0	3	1	0	2	0	1	2
beta_lactam__IMP-44	0	0	0	0	0	0	0	2	1	0	0	1	0	0	1	0	1	0	1	1	0
beta_lactam__Laribacter hongkongensis ampC be	5	3	3	2	0	4	1	2	1	2	1	1	0	2	9	0	1	12	0	2	2
beta_lactam__MOX-9	0	2	2	1	0	0	2	2	0	1	0	0	0	1	3	0	0	5	1	2	1
beta_lactam__MYO-1	0	1	2	0	2	0	0	2	0	1	0	0	0	1	2	0	0	1	1	0	0
beta_lactam__ORN-5	1	1	0	1	0	0	0	2	1	0	0	0	1	0	0	0	0	0	1	0	0
beta_lactam__OXA-15	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	1	0	0	0
beta_lactam__OXA-205	6	0	2	2	0	2	2	2	0	1	0	0	0	0	2	2	2	0	0	3	0
beta_lactam__OXA-207	0	0	1	1	0	0	2	2	0	11	12	7	14	11	0	0	15	22	22	12	19
beta_lactam__OXA-301	1	4	0	4	1	1	1	2	1	2	3	1	0	0	2	1	0	4	1	1	0
beta_lactam__OXA-320	0	5	0	1	0	0	1	2	0	0	0	0	0	0	2	0	0	0	0	0	0
beta_lactam__OXA-36	1	4	2	2	2	1	1	2	0	0	1	0	0	0	3	0	2	0	1	1	0
beta_lactam__OXA-37	3	1	4	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0
beta_lactam__SHV-22	1	1	1	0	0	0	1	2	0	0	0	0	0	0	0	0	0	2	0	1	0
beta_lactam__SHV-4	1	0	0	1	0	1	2	2	0	1	0	0	0	2	0	0	0	0	0	1	0
beta_lactam__SHV-53	3	0	2	3	1	0	1	2	1	1	2	1	1	0	3	0	0	5	0	1	0
beta_lactam__TMB-1	2	3	1	0	0	2	2	2	1	4	1	3	5	3	2	3	7	5	15	23	25
beta_lactam__VEB-4	0	2	0	1	1	0	0	2	0	0	1	0	0	0	0	1	0	0	0	0	0
beta_lactam__VEB-9	5	5	0	3	0	3	2	2	0	1	1	0	1	0	3	1	1	1	0	2	0
beta_lactam__VIM-23	0	0	2	1	1	1	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__VIM-26	0	0	2	2	1	1	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0
beta_lactam__VIM-3	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0
macrolide-lincosamide-streptogramin__erm(X)	2	4	4	6	4	4	5	2	0	0	6	2	2	1	6	0	2	2	0	0	0
macrolide-lincosamide-streptogramin__hu(F)	1	0	1	0	0	1	1	2	0	0	0	0	0	0	1	1	0	0	0	0	0
macrolide-lincosamide-streptogramin__msr(C)	0	1	2	2	4	1	0	2	0	1	0	3	0	0	2	0	0	0	3	0	0
macrolide-lincosamide-streptogramin__RlmA(II)	0	1	1	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0
macrolide-lincosamide-streptogramin__vat(F)	4	4	1	1	0	3	2	2	7	2	1	1	1	0	3	2	1	2	2	0	0
multidrug_mecA	3	1	3	2	2	4	2	2	0	1	2	1	1	0	3	1	0	1	2	1	0
multidrug_mecF	8	0	0	3	1	4	0	2	0	1	1	1	2	1	0	0	0	0	1	2	0
multidrug_pmrA	0	0	1	0	0	2	2	2	0	0	0	1	0	0	0	0	0	0	0	0	0
polymyxin_mcr-3.1	2	1	1	1	0	1	0	2	0	0	0	0	0	0	2	0	0	0	0	1	0
quinolone__QnrB54	1	1	2	1	0	0	1	2	0	0	0	0	0	0	1	0	0	0	0	0	0
tetracycline_tet[35]	2	1	1	2	0	2	0	2	0	0	1	1	0	2	3	0	2	0	0	2	0
tetracycline_tet[Y]	5	0	0	0	0	0	1	2	1	0	0	0	0	0	1	7	0	2	0	1	0
tetracycline_tetX1	3	1	2	0	1	0	3	2	0	1	1	1	1	0	2	0	0	0	4	0	0
trimethoprim_dfrA15	0	0	0	0	0	1	3	2	2	0	1	0	0	0	5	0	0	0	0	2	0
trimethoprim_dfrE	2	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
multidrug_coxB	2	1	4	2	1	2	2	2	1	2	3	2	2	2	5	1	3	4	4	5	2
multidrug__Enterobacter cloacae acrA	1	0	1	1	0	1	2	2	0	1	1										

beta_lactam_OXA-12	3	2	2	2	0	2	1	6	1	1	0	0	0	1	2	0	0	0	1	0	1	0	1	0
beta_lactam_OXA-13	2	0	0	2	0	0	0	0	0	1	0	0	0	1	0	1	2	0	0	0	0	0	0	0
beta_lactam_OXA-14	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_OXA-141	2	0	0	0	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0
beta_lactam_OXA-20	4	0	1	2	0	0	3	1	1	0	2	1	0	1	0	3	0	0	2	0	0	0	0	0
beta_lactam_OXA-211	1	2	0	2	1	2	2	2	1	2	2	0	1	3	1	4	0	2	5	0	2	1	0	0
beta_lactam_OXA-224	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_OXA-226	1	3	1	1	3	1	2	1	2	1	0	1	1	1	0	6	0	3	2	1	1	0	0	0
beta_lactam_OXA-229	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0
beta_lactam_OXA-23	2	0	0	0	1	0	1	0	1	2	4	2	1	0	0	2	0	1	1	0	2	0	0	0
beta_lactam_OXA-230	0	0	0	1	1	1	0	0	1	1	0	2	0	0	0	0	0	1	0	1	2	0	0	0
beta_lactam_OXA-25	0	0	1	1	1	0	0	0	1	1	4	14	13	17	18	1	0	6	12	21	9	14	0	0
beta_lactam_OXA-257	0	1	0	0	0	1	1	0	1	0	4	3	1	0	2	0	1	2	6	0	1	2	0	0
beta_lactam_OXA-299	0	0	1	1	0	8	19	1	0	4	5	8	25	36	1	0	2	45	17	81	115	0	0	0
beta_lactam_OXA-31	1	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
beta_lactam_OXA-334	0	1	0	3	2	0	2	1	0	0	0	0	1	1	0	0	2	1	2	2	2	0	0	0
beta_lactam_OXA-356	0	0	0	0	0	0	0	1	2	1	0	0	0	0	1	0	1	1	2	2	2	0	0	0
beta_lactam_OXA-372	2	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
beta_lactam_OXA-437	0	3	10	9	3	7	12	1	3	33	63	63	46	54	8	0	68	102	80	55	71	0	0	0
beta_lactam_OXA-53	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_OXA-727	0	2	1	3	0	1	0	1	3	2	2	2	0	0	8	1	0	5	2	2	1	0	0	0
beta_lactam_OXA-728	1	3	3	2	0	3	0	1	4	2	5	1	0	0	7	0	1	1	0	0	0	0	0	0
beta_lactam_OXA-9	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
beta_lactam_OXY-6-4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_PER-1	1	1	0	1	0	0	2	1	0	0	0	0	0	1	1	0	1	2	0	3	1	0	0	0
beta_lactam_PER-3	1	0	1	1	0	0	1	1	0	2	2	0	0	2	0	0	0	3	0	2	0	0	0	0
beta_lactam_SHV-123	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0
beta_lactam_SHV-39	1	0	1	0	0	1	3	1	1	1	0	0	0	0	0	1	0	2	0	1	0	0	0	0
beta_lactam_TEM-193	0	1	0	1	0	0	0	1	1	0	0	0	0	0	0	1	0	1	1	2	2	3	0	0
beta_lactam_TEM-63	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_TEM-7	2	0	0	0	1	0	0	1	0	0	0	0	1	1	1	0	0	2	2	0	0	0	0	0
beta_lactam_TEM-88	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_TLA-2	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
beta_lactam_VEB-6	3	1	1	2	1	1	3	1	1	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0
beta_lactam_VIM-17	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
beta_lactam_VIM-18	1	1	0	1	0	2	1	1	0	1	2	0	0	0	2	0	0	0	0	0	0	0	0	0
beta_lactam_VIM-20	0	2	1	0	1	2	3	1	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0
beta_lactam_VIM-24	0	0	0	2	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0
chloramphenicol_Agrobaacterium fabrum chloram	0	4	2	0	0	0	4	1	0	3	1	1	0	0	0	0	0	0	3	0	0	0	0	0
chloramphenicol_catA8	1	2	1	2	0	0	0	1	0	6	0	1	0	0	1	0	0	0	0	0	0	0	0	0
chloramphenicol_catD	1	1	2	1	1	1	3	1	0	1	0	0	0	5	0	0	0	0	1	0	0	0	0	0
chloramphenicol_catS	0	0	1	1	0	1	0	1	0	0	0	0	0	0	1	0	0	0	3	0	0	0	0	0
defensin_Bacillus subtilis mprF	1	1	2	3	0	0	0	1	1	3	1	4	1	2	1	0	3	0	4	1	2	0	0	0
defensin_Dracontius mprF	2	1	1	0	2	1	0	2	1	0	2	4	2	3	0	0	0	2	1	2	2	0	0	0
fosfomycin_FosA5	1	0	1	0	2	3	2	1	1	0	0	2	0	2	0	3	1	0	1	1	1	0	0	0
fosfomycin_FosX	2	1	2	0	0	0	1	1	0	1	1	0	0	0	3	0	0	1	0	0	0	1	0	0
macrolide-lincosamide-streptogramin_cfr(E)	0	1	0	2	1	0	0	0	0	0	0	0	1	0	0	0	0	0	3	0	0	0	0	0
macrolide-lincosamide-streptogramin_erm(42)	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
macrolide-lincosamide-streptogramin_erm(47)	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0
macrolide-lincosamide-streptogramin_erm(Q)	0	0	0	0	0	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
macrolide-lincosamide-streptogramin_erm(T)	1	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
macrolide-lincosamide-streptogramin_lncG	2	3	0	0	0	0	1	1	1	0	0	0	0	1	4	2	0	2	1	1	0	0	0	0
macrolide-lincosamide-streptogramin_lsa(A)	3	1	0	2	0	0	0	1	0	2	1	0	0	2	1	0	0	0	0	1	0	0	0	0
macrolide-lincosamide-streptogramin_lsa(C)	0	0	0	0	0	1	2	1	0	1	0	3	0	3	0	0	0	1	0	0	0	0	0	0
macrolide-lincosamide-streptogramin_mph(B)	0	0	1	0	1	1	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
macrolide-lincosamide-streptogramin_mph(G)	5	3	9	2	0	2	0	1	1	2	1	2	0	2	9	1	0	0	0	0	3	1	0	0
macrolide-lincosamide-streptogramin_mph(K)	2	2	2	0	0	0	0	1	1	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0
multidrug_bmr	0	0	0	1	0	1	0	1	2	2	0	0	0	1	0	1	0	0	0	0	1	0	0	0
multidrug_emeA	1	0	2	1	0	0	1	0	1	0	0	0	0	1	0	1	0	0	1	3	0	0	0	0
multidrug_OpmH	1	2	1	1	1	1	2	1	7	2	6	3	4	2	3	1	4	5	8	2	3	0	0	0
multidrug_oprC	0	1	1	1	0	1	0	1	0	1	1	0	0	1	1	0	1	0	1	2	1	0	0	0
novobiocin_novA	0	2	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	2	0	0	0
polymyxin_mcr-10.1	0	1	2	0	2	0	1	1	0	0	0	0	0	1	1	1	0	0	1	1	4	2	0	0
polymyxin_mcr-3.3	0	0	0	3	0	2	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
polymyxin_mcr-3.5	0	1	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	1	0	0	1	1	0	0
quinolone_ltrA	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
quinolone_QnrA6	0	1	1	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
quinolone_QnrB19	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
quinolone_QnrB2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
quinolone_QnrB27	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
quinolone_QnrB36	2	1	2	1	0	1	0	1	0	2	1	0	0	3	0	1	2	0	0	1	0	0	0	0
quinolone_QnrB64	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
quinolone_QnrB68	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
quinolone_QnrE1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0
quinolone_QnrVC3	0	1	1	2	0	2	2	1	0	0	0	0	0	1	6	0	0	0	0	0	0	0	0	0
quinolone_QnrVC6	3	2	0	1	0	0	0	1	0	0	0	0	0	1	6	0	0	4	1	0	0	1	0	0

antibacterial_fatty_acid__farA	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
antibacterial_fatty_acid__farB	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
beta_lactam_ACG-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
beta_lactam_ACT-15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_ACT-16	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
beta_lactam_ACT-17	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1
beta_lactam_ACT-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
beta_lactam_ACT-20	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_ACT-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_ACT-27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
beta_lactam_ACT-29	1	0	0	0	1	0	0	0	0	2	0	0	2	0	0	0	1	1	0	3	4
beta_lactam_ACT-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
beta_lactam_ACT-37	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0
beta_lactam_ACT-4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0
beta_lactam_ACT-8	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0
beta_lactam_ACT-9	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
beta_lactam_ADC-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
beta_lactam_ADC-13	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3	0
beta_lactam_ADC-15	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0
beta_lactam_ADC-17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
beta_lactam_ADC-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	0
beta_lactam_ADC-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0
beta_lactam_ADC-25	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
beta_lactam_ADC-41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
beta_lactam_ADC-42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	0
beta_lactam_ADC-44	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_ADC-6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
beta_lactam_ADC-77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_ADC-79	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
beta_lactam_AIM-1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
beta_lactam_AQU-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_AXG-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
beta_lactam_AXG-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_BEL-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_BES-1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_BKG-1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
beta_lactam_Bla1	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
beta_lactam_blaZ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
beta_lactam_CAR-1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
beta_lactam_CARB-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
beta_lactam_CARB-6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_CAU-1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_CGA-1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_Chrysobacterium meningosepticu	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
beta_lactam_CME-1	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	1	0
beta_lactam_CMY-1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0
beta_lactam_CMY-103	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
beta_lactam_CMY-104	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
beta_lactam_CMY-112	1	1	0	2	0	0	0	0	0	0	1	0	0	0	2	1	0	0	0	0	0
beta_lactam_CMY-115	0	3	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
beta_lactam_CMY-116	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
beta_lactam_CMY-119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
beta_lactam_CMY-135	2	5	8	4	0	0	0	0	0	0	0	0	0	0	4	2	0	0	1	0	0
beta_lactam_CMY-15	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_CMY-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
beta_lactam_CMY-27	2	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
beta_lactam_CMY-33	0	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
beta_lactam_CMY-35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
beta_lactam_CMY-37	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	1	1	0	0
beta_lactam_CMY-38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
beta_lactam_CMY-39	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
beta_lactam_CMY-40	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_CMY-41	1	3	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
beta_lactam_CMY-42	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
beta_lactam_CMY-46	0	0	0	2	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
beta_lactam_CMY-49	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_CMY-50	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_CMY-61	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_CMY-63	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
beta_lactam_CMY-66	2	2	1	0	0	1	0	0	0	1	2	1	0	0	1	1	0	0	0	0	0
beta_lactam_CMY-67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
beta_lactam_CMY-70	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
beta_lactam_CMY-72	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_CMY-73	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_CMY-74	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	1	0
beta_lactam_CMY-75	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
beta_lactam_CMY-76	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_CMY-77	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
beta_lactam_CMY-78	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
beta_lactam_CMY-79	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_CMY-81	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_CMY-83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam_CMY-84	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
beta_lactam_CMY-90	1	1	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
beta_lactam_CMY-93	0	0	0	0	2	1	0	0	0	1	0	1	0	0	2	1	0	2	1	0	1
beta_lactam_CMY-94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
beta_lactam_cphA4																					

beta_lactam__IMP-13	0	0	1	2	0	0	0	0	1	0	0	0	0	0	0	0	1	0
beta_lactam__IMP-21	0	0	2	0	0	0	0	0	0	0	0	1	0	2	0	2	3	1
beta_lactam__IMP-25	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__IMP-30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__IMP-34	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0
beta_lactam__IMP-37	0	0	0	1	0	0	2	0	0	0	0	0	2	0	1	1	1	0
beta_lactam__IMP-4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
beta_lactam__IMP-41	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	2	0	1
beta_lactam__IMP-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
beta_lactam__IMP-52	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	1
beta_lactam__IMP-6	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
beta_lactam__IMP-8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
beta_lactam__IMP-9	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
beta_lactam__L1 beta-lactamase	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__LAP-1	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
beta_lactam__LAP-2	0	1	0	0	0	1	0	0	0	0	1	1	0	0	0	2	4	1
beta_lactam__LEN-10	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__LEN-7	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__LRA-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__MIR-23	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1
beta_lactam__MIR-5	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
beta_lactam__MIR-9	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1
beta_lactam__MOX-5	1	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0
beta_lactam__MOX-6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
beta_lactam__MOX-8	2	2	1	0	0	2	0	0	0	1	4	0	1	2	1	1	3	0
beta_lactam__mraA	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OCH-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OCH-3	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
beta_lactam__OCH-4	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0
beta_lactam__OCH-5	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OCH-6	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0
beta_lactam__OCH-7	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OCH-8	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0
beta_lactam__OKP-A-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OKP-A-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OKP-A-16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
beta_lactam__OKP-B-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OKP-B-12	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OKP-B-13	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OKP-B-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OKP-B-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
beta_lactam__OKP-B-6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OKP-B-7	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
beta_lactam__ORN-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__ORN-2	0	0	1	1	0	0	1	0	0	0	0	0	1	0	0	2	0	0
beta_lactam__ORN-4	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	1	0
beta_lactam__ORN-6	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
beta_lactam__Other class C beta-lactamase	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OXA-100	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OXA-101	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OXA-114a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OXA-129	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	2	0
beta_lactam__OXA-142	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OXA-145	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OXA-160	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	2	1
beta_lactam__OXA-17	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
beta_lactam__OXA-173	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
beta_lactam__OXA-182	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
beta_lactam__OXA-183	2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OXA-19	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OXA-21	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	1
beta_lactam__OXA-225	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
beta_lactam__OXA-228	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
beta_lactam__OXA-233	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OXA-239	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OXA-24	0	0	0	0	0	0	0	0	2	1	4	1	2	1	0	2	1	1
beta_lactam__OXA-253	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
beta_lactam__OXA-255	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0
beta_lactam__OXA-26	0	0	1	0	0	0	1	0	0	2	2	2	4	0	2	5	3	4
beta_lactam__OXA-267	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
beta_lactam__OXA-268	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OXA-270	0	0	0	0	0	0	0	1	0	1	1	0	0	3	1	0	1	0
beta_lactam__OXA-274	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2	0	1
beta_lactam__OXA-28	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
beta_lactam__OXA-280	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
beta_lactam__OXA-281	0	3	1	1	0	0	0	0	0	0	0	0	2	1	1	1	0	3
beta_lactam__OXA-284	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
beta_lactam__OXA-3	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0
beta_lactam__OXA-308	0	0	0	0	0	0	0	0	0	1	1	0	15	11	0	0	0	1
beta_lactam__OXA-309	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	2
beta_lactam__OXA-330	0	0	0	0	0	0	0	2	1	2	0	0	0	0	0	1	0	0
beta_lactam__OXA-333	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
beta_lactam__OXA-335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OXA-350	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
beta_lactam__OXA-353	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
beta_lactam__OXA-360	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OXA-384	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
beta_lactam__OXA-4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
beta_lactam__OXA-407	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
beta_lactam__OXA-417	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	3
beta_lactam__OXA-418	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0
beta_lactam__OXA-45	0	3	0	1	0	1	0	0	2	1	1	2	0	0	1	0	1	1
beta_lactam__OXA-46	0	0	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0
beta_lactam__OXA-47	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OXA-50	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	1	0
beta_lactam__OXA-56	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
beta_lactam__OXA-568	0	0	2	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
beta_lactam__OXA-85	0	3	0															

beta_lactam__TEM-135	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
beta_lactam__TEM-15	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
beta_lactam__TEM-167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
beta_lactam__TEM-178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
beta_lactam__TEM-187	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
beta_lactam__TEM-192	0	1	2	0	2	1	2	0	1	0	0	0	1	0	0	0	0	1	1	0	0
beta_lactam__TEM-21	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
beta_lactam__TEM-219	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	
beta_lactam__TEM-55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
beta_lactam__TEM-75	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
beta_lactam__TEM-87	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
beta_lactam__TER-2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	
beta_lactam__TMB-2	2	2	1	1	1	2	3	0	2	0	0	2	0	0	3	1	1	1	10	2	5
beta_lactam__TRU-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
beta_lactam__VEB-1b	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
beta_lactam__VEB-3	2	1	0	1	0	1	0	0	0	1	2	0	0	0	0	2	0	0	0	0	
beta_lactam__VIM-12	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
beta_lactam__VIM-14	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
beta_lactam__VIM-15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
beta_lactam__VIM-27	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
beta_lactam__VIM-29	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
beta_lactam__VIM-31	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
beta_lactam__VIM-32	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
beta_lactam__VIM-39	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
beta_lactam__vim-48	1	0	0	1	0	1	0	0	0	1	1	0	0	0	0	2	0	0	0	0	
beta_lactam__VIM-6	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
beta_lactam__y56	0	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
bicyclomycin__bcr-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
bleomycin__BLMT	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
chloramphenicol__catB10	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	
chloramphenicol__catB11	1	1	0	1	0	1	0	0	0	0	2	1	0	0	0	3	1	0	1	0	
chloramphenicol__catB2	1	0	1	0	0	0	0	0	1	2	0	0	0	0	0	0	3	1	0	0	
chloramphenicol__catB9	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
chloramphenicol__catI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
chloramphenicol__catII	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	3	
chloramphenicol__catIQ	4	0	2	2	0	5	0	0	0	2	2	0	0	0	0	1	0	0	1	7	
chloramphenicol__cmIA1	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	1	0	0	1	0	
chloramphenicol__cmIB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
chloramphenicol__cmIB1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	
chloramphenicol__Pseudomonas aeruginosa catB6	0	1	1	0	2	0	0	0	1	0	1	0	0	0	0	1	0	0	0	1	
defensin__Clostridium perfringens mprF	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
florfenicol__pp-flo	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	
fosfomycin__Acinetobacter baumannii AbaF	0	0	1	0	0	0	0	0	5	1	3	0	0	0	0	0	3	0	1	1	
fosfomycin__FosA	0	1	0	1	0	0	0	0	1	1	2	2	3	1	1	0	5	3	2	4	
fosfomycin__FosA3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	
fosfomycin__FosB	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
fosfomycin__FosL1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
macrolide-lincosamide-streptogramin__cfr(A)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
macrolide-lincosamide-streptogramin__erm(39)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
macrolide-lincosamide-streptogramin__erm(46)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
macrolide-lincosamide-streptogramin__erm(49)	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
macrolide-lincosamide-streptogramin__erm(50)	2	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	2	0	4	
macrolide-lincosamide-streptogramin__erm(C)	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
macrolide-lincosamide-streptogramin__lnrB	0	0	2	0	0	0	0	0	1	0	3	0	0	0	0	1	0	0	1	1	
macrolide-lincosamide-streptogramin__lnrD	1	1	0	0	0	0	2	0	0	0	2	0	0	0	0	1	0	0	1	0	
macrolide-lincosamide-streptogramin__lnu(A)	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
macrolide-lincosamide-streptogramin__lnu(P)	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
macrolide-lincosamide-streptogramin__mef(E)	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	
macrolide-lincosamide-streptogramin__mph(F)	1	0	1	0	0	1	0	0	0	0	1	0	0	0	3	0	0	1	0	0	
macrolide-lincosamide-streptogramin__msr(A)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
macrolide-lincosamide-streptogramin__optrA	2	2	0	0	1	0	0	0	0	1	0	0	0	1	2	0	0	0	0	0	
macrolide-lincosamide-streptogramin__poxtA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	
macrolide-lincosamide-streptogramin__vat(E)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
macrolide-lincosamide-streptogramin__vat(H)	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
macrolide-lincosamide-streptogramin__vmIR	2	0	1	1	1	0	0	0	3	1	0	1	0	1	0	0	0	0	1	0	
multidrug__abcA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
multidrug__Acinetobacter baumannii AmvA	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	1	0	1	5	15	
multidrug__adeH	1	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	1	2	3	4	
multidrug__bdt	0	0	0	1	1	0	1	0	0	1	1	2	0	0	0	1	0	0	1	2	
multidrug__bpeF	0	1	1	0	0	0	0	0	0	1	1	1	0	0	1	0	0	1	1	1	
multidrug__cdeA	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
multidrug__efnA	1	0	1	0	1	6	1	0	0	0	0	0	0	0	3	0	0	0	2	0	
multidrug__efpA	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
multidrug__lnuP	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
multidrug__mdeA	0	0	1	0	2	0	1	0	0	0	1	0	0	0	0	0	0	1	1	0	
multidrug__mdsA	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
multidrug__mepA	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
multidrug__mexG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
multidrug__mexH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
multidrug__mexM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
multidrug__mexV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
multidrug__mtrC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
multidrug__mttE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
multidrug__opcM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
multidrug__opnD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
multidrug__opmE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
multidrug__oprA	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	
multidrug__OprJ	1	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	1	2	1	1	
multidrug__OprN	0																				

[illegible]