

Supplementary table S1. Pairwise dDDH values (formula d_4) and their respective confidence intervals between the draft genomes of the 18 selected isolates and their closest neighbors.

Strain 1	Strain 2	dDDH (%)	C.I. (%)	Strain 1	Strain 2	dDDH (%)	C.I. (%)
R-20943	<i>P. aspalathi</i> LMG 27731 ^T	84.5	[81.7 - 86.9]	R-69746	R-75465	85.3	[82.5 - 87.6]
R-20943	<i>P. madseniana</i> RP11 ^T	57.4	[54.6 - 60.1]	R-69746	LMG 31836 ^T	62.7	[59.9 - 65.6]
R-20943	<i>P. sediminicola</i> LMG 24238 ^T	55.7	[52.9 - 58.4]	R-69746	R-69776	63	[60.1 - 65.9]
R-20943	<i>P. solitsugae</i> 1N ^T	41.4	[38.9 - 44.0]	R-69746	R-75777	63.1	[60.2 - 65.9]
R-20943	<i>P. elongata</i> 5N ^T	42.3	[39.8 - 44.9]	R-69746	LMG 31832 ^T	40.8	[38.3 - 43.4]
R-20943	<i>P. caffeinilytica</i> CF1 ^T	43.2	[40.7 - 45.8]	R-69746	R-69749	41	[38.5 - 43.5]
R-20943	R-69658	83.4	[80.6 - 85.9]	R-69746	R-69927	40.9	[38.4 - 43.4]
R-20943	R-69746	84.9	[82.2 - 87.3]	R-69746	R-70006	40.8	[38.3 - 43.4]
R-20943	R-75465	83.9	[81.1 - 86.4]	R-69746	R-70199	40.8	[38.3 - 43.3]
R-20943	LMG 31836 ^T	63.2	[60.3 - 66.0]	R-69746	R-70211	40.6	[38.2 - 43.2]
R-20943	LMG 31840	63.2	[60.3 - 66.0]	R-69746	R-75471	40.8	[38.3 - 43.4]
R-20943	R-69608	63.3	[60.4 - 66.1]	R-69746	LMG 31837 ^T	39.6	[37.1 - 42.1]
R-20943	R-69776	63.3	[60.4 - 66.1]	R-75465	<i>P. aspalathi</i> LMG 27731 ^T	85.2	[82.5 - 87.6]
R-20943	R-75777	63.1	[60.2 - 65.9]	R-75465	<i>P. madseniana</i> RP11 ^T	56.7	[53.9 - 59.4]
R-20943	LMG 31832 ^T	40.4	[37.9 - 42.9]	R-75465	<i>P. sediminicola</i> LMG 24238 ^T	55.7	[53.0 - 58.4]
R-20943	R-69749	40.6	[38.1 - 43.1]	R-75465	<i>P. solitsugae</i> 1N ^T	41.3	[38.8 - 43.9]
R-20943	R-69927	40.4	[37.9 - 43.0]	R-75465	<i>P. elongata</i> 5N ^T	42.6	[40.1 - 45.1]
R-20943	R-70006	40.4	[37.9 - 42.9]	R-75465	<i>P. caffeinilytica</i> CF1 ^T	43.4	[40.9 - 45.9]
R-20943	R-70199	40.4	[38.0 - 43.0]	R-75465	R-75777	62.9	[60.0 - 65.7]
R-20943	R-70211	40.5	[38.0 - 43.0]	R-75465	LMG 31832 ^T	40.6	[38.1 - 43.2]
R-20943	R-75471	40.4	[37.9 - 43.0]	R-75465	R-75471	40.6	[38.1 - 43.2]
R-20943	LMG 31837 ^T	39.3	[36.8 - 41.8]	LMG 31836 ^T	<i>P. aspalathi</i> LMG 27731 ^T	62.6	[59.7 - 65.4]
R-69658	<i>P. aspalathi</i> LMG 27731 ^T	82.9	[80.1 - 85.4]	LMG 31836 ^T	<i>P. madseniana</i> RP11 ^T	57.3	[54.6 - 60.1]
R-69658	<i>P. madseniana</i> RP11 ^T	57.3	[54.5 - 60.0]	LMG 31836 ^T	<i>P. sediminicola</i> LMG 24238 ^T	55.5	[52.7 - 58.2]
R-69658	<i>P. sediminicola</i> LMG 24238 ^T	55.8	[53.0 - 58.5]	LMG 31836 ^T	<i>P. solitsugae</i> 1N ^T	41.2	[38.7 - 43.8]
R-69658	<i>P. solitsugae</i> 1N ^T	41.4	[38.9 - 44.0]	LMG 31836 ^T	<i>P. elongata</i> 5N ^T	42.7	[40.2 - 45.3]
R-69658	<i>P. elongata</i> 5N ^T	42.6	[40.1 - 45.1]	LMG 31836 ^T	<i>P. caffeinilytica</i> CF1 ^T	44	[41.4 - 46.5]
R-69658	<i>P. caffeinilytica</i> CF1 ^T	43.2	[40.7 - 45.8]	LMG 31836 ^T	R-75465	62.9	[60.0 - 65.7]
R-69658	R-69746	83	[80.1 - 85.5]	LMG 31836 ^T	R-75777	90.1	[87.8 - 92.0]
R-69658	R-75465	82.9	[80.1 - 85.4]	LMG 31836 ^T	LMG 31832 ^T	40.7	[38.2 - 43.2]
R-69658	LMG 31836 ^T	63.9	[60.9 - 66.7]	LMG 31836 ^T	R-75471	40.6	[38.2 - 43.2]
R-69658	R-69776	65.1	[62.2 - 67.9]	LMG 22931	<i>P. aspalathi</i> LMG 27731 ^T	63	[60.1 - 65.9]
R-69658	R-75777	65	[62.1 - 67.8]	LMG 22931	<i>P. madseniana</i> RP11 ^T	57.6	[54.8 - 60.4]
R-69658	LMG 31832 ^T	40.7	[38.2 - 43.2]	LMG 22931	<i>P. sediminicola</i> LMG 24238 ^T	55.6	[52.9 - 58.3]
R-69658	R-69749	40.8	[38.3 - 43.3]	LMG 22931	<i>P. solitsugae</i> 1N ^T	41.4	[38.9 - 43.9]
R-69658	R-69927	40.7	[38.2 - 43.2]	LMG 22931	<i>P. elongata</i> 5N ^T	43	[40.5 - 45.6]
R-69658	R-70006	40.7	[38.2 - 43.2]	LMG 22931	<i>P. caffeinilytica</i> CF1 ^T	44	[41.5 - 46.6]
R-69658	R-70199	40.9	[38.4 - 43.4]	LMG 22931	R-20943	63.4	[60.5 - 66.2]
R-69658	R-70211	40.7	[38.2 - 43.3]	LMG 22931	R-69658	64.9	[62.0 - 67.8]
R-69658	R-75471	40.8	[38.3 - 43.3]	LMG 22931	R-69746	63	[60.1 - 65.8]
R-69658	LMG 31837 ^T	39.4	[37.0 - 42.0]	LMG 22931	R-75465	63	[60.1 - 65.8]
R-69746	<i>P. aspalathi</i> LMG 27731 ^T	85	[82.3 - 87.4]	LMG 22931	LMG 31836 ^T	90.4	[88.1 - 92.3]
R-69746	<i>P. madseniana</i> RP11 ^T	57.1	[54.3 - 59.8]	LMG 22931	LMG 31840	89.4	[87.1 - 91.4]
R-69746	<i>P. sediminicola</i> LMG 24238 ^T	55.7	[53.0 - 58.4]	LMG 22931	R-69608	89.6	[87.2 - 91.6]
R-69746	<i>P. solitsugae</i> 1N ^T	41.3	[38.8 - 43.8]	LMG 22931	R-69776	89.7	[87.3 - 91.7]
R-69746	<i>P. elongata</i> 5N ^T	42.6	[40.1 - 45.1]	LMG 22931	R-75777	90.1	[87.8 - 92.0]
R-69746	<i>P. caffeinilytica</i> CF1 ^T	43.3	[40.8 - 45.8]	LMG 22931	LMG 31832 ^T	40.9	[38.4 - 43.5]

Strain 1	Strain 2	dDDH (%)	C.I. (%)	Strain 1	Strain 2	dDDH (%)	C.I. (%)
LMG 22931	R-69749	41.3	[38.8 - 43.8]	R-69608	LMG 31837 ^T	39.8	[37.3 - 42.3]
LMG 22931	R-69927	40.8	[38.3 - 43.4]	R-69776	<i>P. aspalathi</i> LMG 27731 ^T	62.8	[59.9 - 65.6]
LMG 22931	R-70006	40.9	[38.4 - 43.4]	R-69776	<i>P. madseniana</i> RP11 ^T	57	[54.2 - 59.7]
LMG 22931	R-70199	40.9	[38.4 - 43.5]	R-69776	<i>P. sediminicola</i> LMG 24238 ^T	55.4	[52.6 - 58.1]
LMG 22931	R-70211	40.8	[38.4 - 43.4]	R-69776	<i>P. solitsugae</i> 1N ^T	41.2	[38.7 - 43.8]
LMG 22931	R-75471	40.9	[38.4 - 43.4]	R-69776	<i>P. elongata</i> 5N ^T	42.6	[40.1 - 45.2]
LMG 22931	LMG 31837 ^T	39.7	[37.2 - 42.2]	R-69776	<i>P. caffeinilytica</i> CF1 ^T	43.7	[41.2 - 46.3]
LMG 31840	<i>P. aspalathi</i> LMG 27731 ^T	63	[60.1 - 65.8]	R-69776	R-75465	62.8	[59.9 - 65.6]
LMG 31840	<i>P. madseniana</i> RP11 ^T	57.5	[54.7 - 60.2]	R-69776	LMG 31836 ^T	89.5	[87.1 - 91.5]
LMG 31840	<i>P. sediminicola</i> LMG 24238 ^T	55.5	[52.8 - 58.3]	R-69776	R-75777	98	[97.1 - 98.6]
LMG 31840	<i>P. solitsugae</i> 1N ^T	41.4	[38.9 - 43.9]	R-69776	LMG 31832 ^T	41.1	[38.6 - 43.7]
LMG 31840	<i>P. elongata</i> 5N ^T	42.9	[40.4 - 45.5]	R-69776	R-69927	41.1	[38.6 - 43.7]
LMG 31840	<i>P. caffeinilytica</i> CF1 ^T	43.8	[41.2 - 46.3]	R-69776	R-70006	41.1	[38.6 - 43.7]
LMG 31840	R-69658	65.3	[62.4 - 68.1]	R-69776	R-70199	41.1	[38.6 - 43.7]
LMG 31840	R-69746	63.2	[60.3 - 66.0]	R-69776	R-70211	40.7	[38.3 - 43.3]
LMG 31840	R-75465	63.2	[60.3 - 66.0]	R-69776	R-75471	41.1	[38.6 - 43.6]
LMG 31840	LMG 31836 ^T	89.2	[86.8 - 91.2]	R-69776	LMG 31837 ^T	39.7	[37.2 - 42.2]
LMG 31840	R-69776	91.2	[89.1 - 93.0]	R-75777	<i>P. aspalathi</i> LMG 27731 ^T	62.8	[59.9 - 65.6]
LMG 31840	R-75777	91.6	[89.5 - 93.3]	R-75777	<i>P. madseniana</i> RP11 ^T	57.4	[54.6 - 60.2]
LMG 31840	LMG 31832 ^T	41.2	[38.7 - 43.7]	R-75777	<i>P. sediminicola</i> LMG 24238 ^T	55.5	[52.8 - 58.2]
LMG 31840	R-69749	43.7	[41.1 - 46.2]	R-75777	<i>P. solitsugae</i> 1N ^T	41.4	[38.9 - 43.9]
LMG 31840	R-69927	41.1	[38.6 - 43.7]	R-75777	<i>P. elongata</i> 5N ^T	42.8	[40.3 - 45.4]
LMG 31840	R-70006	41.1	[38.6 - 43.7]	R-75777	<i>P. caffeinilytica</i> CF1 ^T	43.9	[41.3 - 46.4]
LMG 31840	R-70199	41.2	[38.7 - 43.7]	LMG 31832 ^T	<i>P. aspalathi</i> LMG 27731 ^T	40.6	[38.1 - 43.1]
LMG 31840	R-70211	40.8	[38.3 - 43.3]	LMG 31832 ^T	<i>P. madseniana</i> RP11 ^T	41.9	[39.4 - 44.4]
LMG 31840	R-75471	41.1	[38.7 - 43.7]	LMG 31832 ^T	<i>P. sediminicola</i> LMG 24238 ^T	39.9	[37.5 - 42.5]
LMG 31840	LMG 31837 ^T	39.7	[37.2 - 42.2]	LMG 31832 ^T	<i>P. solitsugae</i> 1N ^T	46.3	[43.7 - 48.9]
R-69608	<i>P. aspalathi</i> LMG 27731 ^T	63	[60.1 - 65.9]	LMG 31832 ^T	<i>P. elongata</i> 5N ^T	43.8	[41.3 - 46.4]
R-69608	<i>P. madseniana</i> RP11 ^T	57.5	[54.7 - 60.2]	LMG 31832 ^T	<i>P. caffeinilytica</i> CF1 ^T	39.8	[37.3 - 42.3]
R-69608	<i>P. sediminicola</i> LMG 24238 ^T	55.4	[52.7 - 58.2]	LMG 31832 ^T	R-75777	40.9	[38.4 - 43.4]
R-69608	<i>P. solitsugae</i> 1N ^T	41.4	[38.9 - 43.9]	R-69749	<i>P. aspalathi</i> LMG 27731 ^T	40.6	[38.1 - 43.2]
R-69608	<i>P. elongata</i> 5N ^T	42.9	[40.4 - 45.5]	R-69749	<i>P. madseniana</i> RP11 ^T	42	[39.5 - 44.6]
R-69608	<i>P. caffeinilytica</i> CF1 ^T	43.9	[41.3 - 46.4]	R-69749	<i>P. sediminicola</i> LMG 24238 ^T	40.1	[37.6 - 42.6]
R-69608	R-69658	64.6	[61.7 - 67.4]	R-69749	<i>P. solitsugae</i> 1N ^T	46.3	[43.7 - 48.9]
R-69608	R-69746	63.3	[60.4 - 66.1]	R-69749	<i>P. elongata</i> 5N ^T	43.8	[41.3 - 46.4]
R-69608	R-75465	62.8	[59.9 - 65.6]	R-69749	<i>P. caffeinilytica</i> CF1 ^T	39.8	[37.3 - 42.3]
R-69608	LMG 31836 ^T	90.6	[88.3 - 92.4]	R-69749	R-75465	40.9	[38.4 - 43.5]
R-69608	LMG 31840	91.4	[89.2 - 93.1]	R-69749	LMG 31836 ^T	41	[38.5 - 43.5]
R-69608	R-69776	91.9	[89.8 - 93.6]	R-69749	R-69776	43.9	[41.4 - 46.5]
R-69608	R-75777	91.6	[89.5 - 93.4]	R-69749	R-75777	43.5	[41.0 - 46.1]
R-69608	LMG 31832 ^T	41.2	[38.7 - 43.7]	R-69749	LMG 31832 ^T	95.1	[93.5 - 96.3]
R-69608	R-69749	43.5	[41.0 - 46.1]	R-69749	R-69927	96.6	[95.3 - 97.5]
R-69608	R-69927	41.1	[38.6 - 43.7]	R-69749	R-70006	97	[95.8 - 97.8]
R-69608	R-70006	41.1	[38.6 - 43.7]	R-69749	R-70199	97.6	[96.6 - 98.3]
R-69608	R-70199	41.2	[38.7 - 43.7]	R-69749	R-70211	97.5	[96.4 - 98.2]
R-69608	R-70211	40.9	[38.4 - 43.4]	R-69749	R-75471	97.5	[96.5 - 98.3]
R-69608	R-75471	41.1	[38.6 - 43.7]	R-69749	LMG 31837 ^T	40.8	[38.3 - 43.3]

Strain 1	Strain 2	dDDH (%)	C.I. (%)	Strain 1	Strain 2	dDDH (%)	C.I. (%)
R-69927	<i>P. aspalathi</i> LMG 27731 ^T	40.6	[38.1 - 43.1]	R-70211	R-75777	40.8	[38.3 - 43.4]
R-69927	<i>P. madseniana</i> RP11 ^T	41.9	[39.4 - 44.4]	R-70211	LMG 31832 ^T	96.1	[94.7 - 97.1]
R-69927	<i>P. sediminicola</i> LMG 24238 ^T	40	[37.5 - 42.5]	R-70211	R-75471	98.5	[97.8 - 99.0]
R-69927	<i>P. solitsugae</i> 1N ^T	46.4	[43.8 - 49.0]	R-75471	<i>P. aspalathi</i> LMG 27731 ^T	40.5	[38.0 - 43.0]
R-69927	<i>P. elongata</i> 5N ^T	43.7	[41.2 - 46.3]	R-75471	<i>P. madseniana</i> RP11 ^T	41.9	[39.4 - 44.4]
R-69927	<i>P. caffeinilytica</i> CF1 ^T	39.7	[37.2 - 42.2]	R-75471	<i>P. sediminicola</i> LMG 24238 ^T	40	[37.5 - 42.5]
R-69927	R-75465	40.7	[38.2 - 43.3]	R-75471	<i>P. solitsugae</i> 1N ^T	46.5	[43.9 - 49.1]
R-69927	LMG 31836 ^T	40.6	[38.1 - 43.1]	R-75471	<i>P. elongata</i> 5N ^T	43.8	[41.2 - 46.3]
R-69927	R-75777	40.9	[38.4 - 43.4]	R-75471	<i>P. caffeinilytica</i> CF1 ^T	39.8	[37.3 - 42.3]
R-69927	LMG 31832 ^T	95.2	[93.7 - 96.4]	R-75471	R-75777	40.9	[38.4 - 43.4]
R-69927	R-70006	97.1	[95.9 - 97.9]	R-75471	LMG 31832 ^T	96.6	[95.3 - 97.5]
R-69927	R-70199	97.8	[96.9 - 98.5]	LMG 31837 ^T	<i>P. aspalathi</i> LMG 27731 ^T	39.3	[36.8 - 41.8]
R-69927	R-70211	97.8	[96.9 - 98.5]	LMG 31837 ^T	<i>P. madseniana</i> RP11 ^T	41	[38.5 - 43.5]
R-69927	R-75471	98.1	[97.3 - 98.7]	LMG 31837 ^T	<i>P. sediminicola</i> LMG 24238 ^T	38.9	[36.4 - 41.4]
R-70006	<i>P. aspalathi</i> LMG 27731 ^T	40.5	[38.1 - 43.1]	LMG 31837 ^T	<i>P. solitsugae</i> 1N ^T	41	[38.5 - 43.5]
R-70006	<i>P. madseniana</i> RP11 ^T	41.9	[39.4 - 44.5]	LMG 31837 ^T	<i>P. elongata</i> 5N ^T	44.8	[42.2 - 47.3]
R-70006	<i>P. sediminicola</i> LMG 24238 ^T	40	[37.5 - 42.5]	LMG 31837 ^T	<i>P. caffeinilytica</i> CF1 ^T	39.1	[36.6 - 41.6]
R-70006	<i>P. solitsugae</i> 1N ^T	46.4	[43.8 - 49.0]	LMG 31837 ^T	R-75465	39.3	[36.8 - 41.8]
R-70006	<i>P. elongata</i> 5N ^T	43.7	[41.2 - 46.3]	LMG 31837 ^T	LMG 31836 ^T	39.5	[37.0 - 42.1]
R-70006	<i>P. caffeinilytica</i> CF1 ^T	39.7	[37.2 - 42.3]	LMG 31837 ^T	R-75777	39.8	[37.3 - 42.3]
R-70006	R-75465	40.7	[38.2 - 43.2]	LMG 31837 ^T	LMG 31832 ^T	40.7	[38.2 - 43.2]
R-70006	LMG 31836 ^T	40.6	[38.1 - 43.1]	LMG 31837 ^T	R-69927	40.6	[38.1 - 43.1]
R-70006	R-75777	40.9	[38.4 - 43.4]	LMG 31837 ^T	R-70006	40.6	[38.1 - 43.1]
R-70006	LMG 31832 ^T	96.1	[94.7 - 97.1]	LMG 31837 ^T	R-70199	40.5	[38.0 - 43.0]
R-70006	R-70199	98.1	[97.2 - 98.7]	LMG 31837 ^T	R-70211	40.4	[37.9 - 43.0]
R-70006	R-70211	97.7	[96.8 - 98.4]	LMG 31837 ^T	R-75471	40.5	[38.1 - 43.1]
R-70006	R-75471	98.4	[97.6 - 98.9]				
R-70199	<i>P. aspalathi</i> LMG 27731 ^T	40.6	[38.1 - 43.1]				
R-70199	<i>P. madseniana</i> RP11 ^T	41.9	[39.4 - 44.5]				
R-70199	<i>P. sediminicola</i> LMG 24238 ^T	39.9	[37.4 - 42.5]				
R-70199	<i>P. solitsugae</i> 1N ^T	46.4	[43.8 - 48.9]				
R-70199	<i>P. elongata</i> 5N ^T	43.8	[41.2 - 46.3]				
R-70199	<i>P. caffeinilytica</i> CF1 ^T	39.8	[37.3 - 42.3]				
R-70199	R-75465	40.7	[38.2 - 43.3]				
R-70199	LMG 31836 ^T	40.7	[38.2 - 43.2]				
R-70199	R-75777	40.9	[38.4 - 43.4]				
R-70199	LMG 31832 ^T	96.2	[94.9 - 97.2]				
R-70199	R-70211	98.4	[97.6 - 98.9]				
R-70199	R-75471	98.5	[97.8 - 99.0]				
R-70211	<i>P. aspalathi</i> LMG 27731 ^T	40.7	[38.2 - 43.2]				
R-70211	<i>P. madseniana</i> RP11 ^T	41.9	[39.4 - 44.5]				
R-70211	<i>P. sediminicola</i> LMG 24238 ^T	40	[37.5 - 42.5]				
R-70211	<i>P. solitsugae</i> 1N ^T	46.4	[43.9 - 49.0]				
R-70211	<i>P. elongata</i> 5N ^T	43.8	[41.3 - 46.4]				
R-70211	<i>P. caffeinilytica</i> CF1 ^T	39.8	[37.3 - 42.3]				
R-70211	R-75465	40.6	[38.1 - 43.2]				
R-70211	LMG 31836 ^T	40.7	[38.2 - 43.2]				