

Additional File 4

Prokaryotic intragenomic genome signature comparisons for species that carry more than 1 chromosome. The numbers correspond to the comparisons depicted in Figure 4.

	Number		Accession numbers	Size (bp)
Alphaproteobacteria				
	1	Agrobacterium_tumefaciens_str_C58_chromosome_circular	NC_003062	2841581
		Agrobacterium_tumefaciens_str_C58_chromosome_linear	NC_003305	2075560
Alphaproteobacteria				
	2	Brucella_abortus_biovar_1_str_9-941_chromosome_I	NC_006932	2124241
		Brucella_abortus_biovar_1_str_9-941_chromosome_II	NC_006933	1162204
	3	Brucella_melitensis_16M_chromosome_I	NC_003317	2117144
		Brucella_melitensis_16M_chromosome_II	NC_003318	1177787
	4	Brucella_melitensis_biovar_Abortus_2308_chromosome_I	NC_007618	2121359
		Brucella_melitensis_biovar_Abortus_2308_chromosome_II	NC_007624	1156948
	5	Brucella_suis_1330_chromosome_I	NC_004310	2107794
		Brucella_suis_1330_chromosome_II	NC_004311	1207381
Betaproteobacteria				
	6	Burkholderia_mallei_ATCC_23344_chromosome_1	NC_006348	3510148
		Burkholderia_mallei_ATCC_23344_chromosome_2	NC_006349	2325379
	7	Burkholderia_pseudomallei_1710b_chromosome_I	NC_007434	4126292
		Burkholderia_pseudomallei_1710b_chromosome_II	NC_007435	3181762
	8	Burkholderia_pseudomallei_K96243_chromosome_1	NC_006350	4074542
		Burkholderia_pseudomallei_K96243_chromosome_2	NC_006351	3173005
	9	Burkholderia_sp_383_chromosome_1	NC_007510	3694126
		Burkholderia_sp_383_chromosome_2	NC_007511	3587082
	10*	Burkholderia_sp_383_chromosome_3	NC_007509	1395069
	11	Burkholderia_thailandensis_E264_chromosome_I	NC_007651	3809201
		Burkholderia_thailandensis_E264_chromosome_II	NC_007650	2914771

12	Burkholderia_xenovorans_LB400_chromosome_1	NC_007951	4895836
	Burkholderia_xenovorans_LB400_chromosome_2	NC_007952	3363523
13*	Burkholderia_xenovorans_LB400_chromosome_3	NC_007953	1471779
14	Ralstonia_eutropha_JMP134_chromosome_1	NC_007347	3806533
	Ralstonia_eutropha_JMP134_chromosome_2	NC_007348	2726152

Deinococcus- Thermus

15	Deinococcus_radiodurans_R1_chromosome_1	NC_001263	2648638
	Deinococcus_radiodurans_R1_chromosome_2	NC_001264	412348

Gammaproteobacteria

16	Vibrio_cholerae_O1_biovar_eltor_str_N16961_chromosome_I	NC_002505	2961149
	Vibrio_cholerae_O1_biovar_eltor_str_N16961_chromosome_II	NC_002506	1072315
17	Vibrio_fischeri_ES114_chromosome_I	NC_006840	2906179
	Vibrio_fischeri_ES114_chromosome_II	NC_006841	1332022
18	Vibrio_parahaemolyticus_RIMD_2210633_chromosome_I	NC_004603	3288558
	Vibrio_parahaemolyticus_RIMD_2210633_chromosome_II	NC_004605	1877212
19	Vibrio_vulnificus_CMCP6_chromosome_I,_complete	NC_004459	3281945
	Vibrio_vulnificus_CMCP6_chromosome_II	NC_004460	1844853
20	Vibrio_vulnificus_YJ016_chromosome_I,_complete	NC_005139	3354505
	Vibrio_vulnificus_YJ016_chromosome_II,_complete	NC_005140	1857073
21	Leptospira_interrogans_serovar_Copenhageni_str_Fiocruz_L1-130_chromosome_I	NC_005823	4277185
	Leptospira_interrogans_serovar_Copenhageni_str_Fiocruz_L1-130_chromosome_II	NC_005824	350181
22	Leptospira_interrogans_serovar_Lai_str_56601_chromosome_I	NC_004342	4332241
	Leptospira_interrogans_serovar_Lai_str_56601_chromosome_II	NC_004343	358943

Total number of chromosome sequences

42

) For species with three chromosomes, we only analysed the δ^ values between chromosome 1 and chromosome 2, and between chromosome 1 and chromosome 3.

