

Additional File 1

Prokaryotic intraspecific genome signature comparisons (the δ^* scores are available from the large matrix at <http://deltarho.amc.nl>).

Bacteria	Number		# of strains	Accession numbers			
Actinobacteria							
	1	Corynebacterium_glutamicum	2	NC_003450	NC_006958		
	2	Mycobacterium_tuberculosis	2	NC_002755	NC_000962		
	3	Tropheryma_whipplei	2	NC_004551	NC_004572		
Alphaproteobacteria							
	4	Ehrlichia_ruminantium	3	NC_006831	NC_005295	NC_006832	
	5	Rhodopseudomonas_palustris	4	NC_007925	NC_007958	NC_005296	NC_007778
Bacteroidetes/Chlorobi							
	6	Bacteroides_fragilis	2	NC_003228	NC_006347		
Betaproteobacteria							
	7	Neisseria_meningitidis	2	NC_003112	NC_003116		
Chlamydiae/ Verrucomicrobia							
	8	Chlamydia_trachomatis	2	NC_007429	NC_000117		

	9	Chlamydophila_pneumoniae	4	NC_002179	NC_000922	NC_002491	NC_005043	
Cyanobacteria								
	10	Prochlorococcus_marinus	5	NC_007577	NC_005071	NC_007335	NC_005042	NC_005072
Deinococcus-Thermus								
	11	Thermus_thermophilus	2	NC_005835	NC_006461			
Epsilonproteobacteria								
	12	Campylobacter_jejuni	2	NC_003912	NC_002163			
	13	Helicobacter_pylori	2	NC_000915	NC_000921			
Firmicutes								
	14	Bacillus_cereus cluster	8	NC_003995	NC_003997	NC_007530	NC_005945	
				NC_003909	NC_004722	NC_006274	NC_005957	
	15	Listeria_monocytogenes	2	NC_003210	NC_002973			
	16	Mycoplasma_hyopneumoniae	3	NC_006360	NC_007332	NC_007295		
	17	Staphylococcus_aureus	9	NC_007622	NC_002951	NC_002952	NC_002953	NC_003923
				NC_002758	NC_002745	NC_007795	NC_007793	
	18	Staphylococcus_epidermidis	2	NC_004461	NC_002976			
	19	Streptococcus_agalactiae	3	NC_004116	NC_007432			
	20	Streptococcus_pneumoniae	2	NC_003098	NC_003028			
	21	Streptococcus_pyogenes	7	NC_002737	NC_006086	NC_004070	NC_007297	NC_007296
				NC_004606	NC_007296	NC_003485	NC_004606	NC_003485

Gammaproteobacteria	22	<i>Streptococcus_thermophilus</i>	2	NC_006449	NC_006448					
	23	<i>Buchnera_aphidicola</i>	3	NC_002528	NC_004545	NC_004061				
	24	<i>Escherichia_coli</i> (including Shigellae)	11	NC_004431	NC_000913	NC_002695	NC_002655	NC_007946	AC_000091	
				NC_007613	NC_007606	NC_004741	NC_004337	NC_007384		
	25	<i>Francisella_tularensis</i>	2	NC_007880	NC_006570					
	26	<i>Haemophilus_influenzae</i>	2	NC_007146	NC_000907					
	27	<i>Legionella_pneumophila</i>	3	NC_006369	NC_006368	NC_002942				
	28	<i>Pseudomonas_fluorescens</i>	2	NC_004129	NC_007492					
	29	<i>Pseudomonas_syringae</i>	3	NC_005773	NC_007005	NC_004578				
	30	<i>Salmonella_enterica</i>	4	NC_006905	NC_006511	NC_004631	NC_003198			
	31	<i>Xanthomonas_campestris</i>	3	NC_007086	NC_003902	NC_007508				
	32	<i>Xylella_fastidiosa</i>	2	NC_002488	NC_004556					
	33	<i>Yersinia_pestis</i>	4	NC_003143	NC_004088	NC_005810				
	Total number of genome sequences		111							