

DciA percentage identity matrix		Acido	Actino	Actino	Bacter	Chlam	Cyano	Deferri	Elusio	Fibro	Gemma	Proteo.a	Proteo.a	Proteo.b	Proteo.d	Proteo.e	Proteo.g	Proteo.g	Spiro
		B.elo	M.tub	S.ave	P.den	C.tra	G.vio	G.thi	E.min	F.int	G.aur	C.mir	R.ric	N.gon	M.xan	N.sal	V.cho	P.aer	T.pal
Acidobacteria	<i>Bryocella elongata</i>		12.1	17.1	21.2	3.0	18.3	15.1	10.2	19.5	23.1	11.1	2.0	8.7	25.2	12.9	13.3	16.9	14.5
Actinobacteria	<i>Mycobacterium tuberculosis</i>	12.1		41.5	12.3	13.0	14.9	11.8	10.0	9.1	16.0	16.7	11.7	10.6	19.0	2.2	13.6	12.2	13.1
Actinobacteria	<i>Streptomyces avermiltis</i>	17.1	41.5		11.4	10.9	12.8	9.2	10.8	14.4	16.6	21.3	10.9	15.1	18.1	3.7	5.9	3.3	12.6
Bacteroidetes	<i>Prevotella denticolla</i>	21.2	12.3	11.4		23.3	9.3	12.7	15.5	15.0	20.4	13.9	18.6	11.5	21.1	13.1	8.9	10.5	15.1
Chlamydiae	<i>Chlamydia trachomatis</i>	3.0	13.0	10.9	23.3		10.8	10.8	14.9	23.8	21.3	15.4	16.6	6.4	16.7	13.0	16.7	7.5	10.2
Cyanobacteria	<i>Gloeobacter violaceus</i>	18.3	14.9	12.8	9.3	10.8		23.4	10.2	12.0	10.2	20.1	11.7	16.4	17.3	14.2	13.8	17.8	20.9
Deferribacteres	<i>Geovibrio thiophilus</i>	15.1	11.8	9.2	12.7	10.8	23.4		11.2	12.5	15.9	15.2	16.3	16.2	19.9	18.4	12.8	20.1	19.0
Elusimicrobia	<i>Elusimicrobium minutum</i>	10.2	10.0	10.8	15.5	14.9	10.2	11.2		21.3	17.0	12.1	13.7	14.6	16.2	13.0	8.6	0.9	10.8
Fibrobacteres	<i>Fibrobacter intestinalis</i>	19.5	9.1	14.4	15.0	23.8	12.0	12.5	21.3		17.1	14.1	21.3	12.3	23.1	7.9	10.1	6.6	11.7
Gemmatimonadetes	<i>Gemmatimonas aurantica</i>	23.1	16.0	16.6	20.4	21.3	10.2	15.9	17.0	17.1		12.8	13.6	15.8	28.0	14.7	16.7	10.2	16.9
Proteobacteria/alphaproteobacteria	<i>Caulobacter mirabilis</i>	11.1	16.7	21.3	13.9	15.4	20.1	15.2	12.1	14.1	12.8		12.9	20.1	16.1	18.7	21.0	5.4	2.6
Proteobacteria/alphaproteobacteria	<i>Rickettsia rickettsii</i>	2.0	11.7	10.9	18.6	16.6	11.7	16.3	13.7	21.3	13.6	12.9		11.1	15.7	11.6	11.8	7.4	6.9
Proteobacteria/betaproteobacteria	<i>Neisseriae gonnorhaeae</i>	8.7	10.6	15.1	11.5	6.4	16.4	16.2	14.6	12.3	15.8	20.1	11.1		14.7	19.9	23.7	20.5	18.5
Proteobacteria/deltaproteobacteria	<i>Myxococcus xanthus</i>	25.2	19.0	18.1	21.1	16.7	17.3	19.9	16.2	23.1	28.0	16.1	15.7	14.7		11.7	12.1	14.3	16.8
Proteobacteria/epsilonproteobacteria	<i>Nitratifactor salsuginis</i>	12.9	2.2	3.7	13.1	13.0	14.2	18.4	13.0	7.9	14.7	18.7	11.6	19.9	11.7		14.1	16.8	17.1
Proteobacteria/gammaproteobacteria	<i>Vibrio cholerae</i>	13.3	13.6	5.9	8.9	16.7	13.8	12.8	8.6	10.1	16.7	21.0	11.8	23.7	12.1	14.1		19.5	15.0
Proteobacteria/gammaproteobacteria	<i>Pseudomonas aeruginosa</i>	16.9	12.2	3.3	10.5	7.5	17.8	20.1	0.9	6.6	10.2	5.4	7.4	20.5	14.3	16.8	19.5		17.8
Spirochaetes	<i>Treponema pallidum</i>	14.5	13.1	12.6	15.1	10.2	20.9	19.0	10.8	11.7	16.9	2.6	6.9	18.5	16.8	17.1	15.0	17.8	