

Table with columns for taxonomic classification (e.g., Phylum, Class, Order, Family, Genus, Species) and a matrix of numerical values representing sequence alignment or similarity metrics. The table lists various bacterial taxa such as Cyanobacteria, Proteobacteria, and Chloroflexi, along with their corresponding NCBI accession numbers and alignment scores.

ID	Species	Genomic Data Columns																																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21																
1	"Aerobacter diversum" (sic) Burkey 1928	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
1	Citrobacter (diversus) koseni ATCC BAA-895	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
1	ATCC 51116	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	22/26	18/22	0/0	0/0	36/38	22/26	22/26	13/30
1	Citrobacter rodentium ICC168	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
10	"Aerobacter" Hormaeche and Edwards 1958	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
1	"Aerobacter aerogenes" Hormaeche and Edwards 1958	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
1	Enterobacter aerogenes EA1290E	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
1	Enterobacter aerogenes KCT1509	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
6	Enterobacter cloacae complex "Aerobacter cloacae" (Jordan 1890) Bergey et al. 1923	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
1	"Aerobacter dissolvans" (Rosen 1922) Waldee 1945	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
1	Enterobacter cloacae subsp. dissolvans SDM	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
2	Enterobacter cloacae subsp. cloacae ATCC 13047	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
1	Enterobacter cloacae subsp. cloacae ENHKU01	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
1	Enterobacter cloacae EcWSU1	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
1	ATCC 35953	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
1	Enterobacter agriosus LF7a "Enterobacter ligniolifolius" Deangelis et al. 2011	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
1	Enterobacter cloacae SCF1	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
1	Enterobacter sp. E38	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
1	Enterobacter sp. RA-368	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
7	Erwinia "Baicillus amylovorus" (Burrill 1882) Trevisan 1899	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
2	Erwinia amylovora CFBP1430	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
1	Erwinia amylovora 27-3	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
2	CFBP 4172	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
1	Erwinia pyrifoliae 16/96	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
1	CIP 106121	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
1	Erwinia biilingiae 661	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
1	Erwinia sp. Ejp617	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
1	DSM 17950	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
58	Escherichia "Baicillus amylovorus" (Burrill 1882) Trevisan 1899	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
57	"Escherichia coli" Migula 1895	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
1	"Escherichia coli" (strain B)	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
1	Escherichia coli B (REL606 strain)	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
5	Escherichia coli K-12	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
1	Escherichia coli DH10B	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1	8/8	1/1	0/0	0/0	0/0	30/32	18/22	18/22	15/22	0/0	0/0	36/38	19/22	18/22	13/30
1	Escherichia coli W3110	102/152	4/4	3/3	4/4	2/2	5/5	6/6	1/1	3/3	4/4	1/1	5/5	5/5	2/2	4/4	1/1	3/3	2/2	5/5	7/7	9/9	1/1															

1	Salmonella enterica subsp. enterica serovar Dublin CT_02021853	81/82 3/3 3/3	3/3 3/3	6/8 6/8 1/1	3/3 5/5	1/1 4/8 4/4	2/2 4/4	1/1 3/3 2/2	4/4 9/9	4/4 1/1 8/8	1/1 0/0	0/0	0/0	38/82	18/82	13/82	12/82	1/82		
	Salmonella enterica serovar Newport	84/85 3/3 3/3	4/4 2/2	8/6 6/6 1/1	3/3 4/4	1/1 5/5 6/6	2/2 4/4	1/1 3/3 2/2	4/4 9/9	5/5 1/1 8/8	1/1 0/0	0/0	0/0	36/85	19/85	18/85	13/85	1/85		
	Salmonella enterica subsp. enterica serovar Newport SL254	84/85 3/3 3/3	4/4 2/2	8/6 6/6 1/1	3/3 4/4	1/1 5/5 6/6	2/2 4/4	1/1 3/3 2/2	4/4 9/9	5/5 1/1 8/8	1/1 0/0	0/0	0/0	36/85	19/85	18/85	13/85	1/85		
1	"Bacillus enteritidis" Gaertner 1888	83/83 3/3 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 6/6	2/2 4/4	1/1 3/3 2/2	4/4 8/8	4/4 1/1 8/8	1/1 0/0	0/0	0/0	52/83	31/83					
1	Salmonella enterica subsp. enterica serovar Enteritidis str. PT125109	83/83 3/3 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 6/6	2/2 4/4	1/1 3/3 2/2	4/4 8/8	4/4 1/1 8/8	1/1 0/0	0/0	0/0	52/83	31/83					
1	Salmonella enterica subsp. enterica serovar Schwarzengrund	83/83 3/3 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 6/6	2/2 4/4	1/1 3/3 2/2	4/4 9/9	4/4 1/1 8/8	1/1 0/0	0/0	0/0	37/83	19/83	15/83	12/83			
1	Salmonella enterica subsp. enterica serovar Schwarzengrund CVM19633	83/83 3/3 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 6/6	2/2 4/4	1/1 3/3 2/2	4/4 9/9	4/4 1/1 8/8	1/1 0/0	0/0	0/0	44/83AB	22/83AB	18/83AB	14/83AB			
1	Salmonella enterica subsp. enterica serovar Javiana	84/84 3/3 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 5/5	2/2 4/4	1/1 3/3 2/2	4/4 9/9	4/4 1/1 8/8	1/1 0/0	0/0	0/0	53/84	31/84					
1	Salmonella enterica subsp. enterica serovar Javiana str. AZ_P11230515	84/84 3/3 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 5/5	2/2 4/4	1/1 3/3 2/2	4/4 9/9	4/4 1/1 8/8	1/1 0/0	0/0	0/0	53/84	31/84					
1	Salmonella enterica subsp. enterica serovar 1,4,(5),12:-	86/86 3/3 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 5/5	2/2 4/4	1/1 3/3 2/2	4/4 10/10	5/5 1/1 8/8	1/1 0/0	0/0	0/0	54/86	32/86					
1	Salmonella enterica subsp. enterica serovar 1,4,(5),12:- str. 08-1736	86/86 3/3 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 5/5	2/2 4/4	1/1 3/3 2/2	4/4 10/10	5/5 1/1 8/8	1/1 0/0	0/0	0/0	54/86	32/86					
1	ATCC 43975	83/83 3/3 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 6/6	2/2 4/4	1/1 3/3 2/2	4/4 9/9	4/4 1/1 8/8	1/1 0/0	0/0	0/0	52/83	31/83					
1	Salmonella bongori 12149	83/83 3/3 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 6/6	2/2 4/4	1/1 3/3 2/2	4/4 9/9	4/4 1/1 8/8	1/1 0/0	0/0	0/0	52/83	31/83					
10	Serratia	77/78 4/4 3/3	4/4 2/2	5/6 5/6 1/1	2/2 4/4	1/1 6/6 8/8	2/2 3/3	1/1 3/3 2/2	2/2 6/6	4/5 1/1 8/8	1/1 0/0	0/0	0/0	45/77AB	37/77AB	16/77AB	14/77AB	11/77AB	7/77AB	
1	"Aerobacter liquefaciens" Grimes and Hennerty 1931	77/78 4/4 3/3	4/4 2/2	5/6 5/6 1/1	2/2 4/4	1/1 6/6 8/8	2/2 3/3	1/1 3/3 2/2	2/2 6/6	4/5 1/1 8/8	1/1 0/0	0/0	0/0	48/78	29/78	1/78				
1	Serratia liquefaciens ATCC 27592	77/78 4/4 3/3	4/4 2/2	5/6 5/6 1/1	2/2 4/4	1/1 6/6 8/8	2/2 3/3	1/1 3/3 2/2	2/2 6/6	4/5 1/1 8/8	1/1 0/0	0/0	0/0	48/78	29/78	1/78				
2	"Bacillus marcescens" (Bizio 1823)	162/162	8/8 6/6	8/8 6/6 1/1	12/12 12/12 2/2	9/6 10/10	2/2 9/9 8/8	4/4 6/6	2/2 6/6 4/4	10/10 12/12	9/8 2/2 1/8 1/8	2/2 0/0	0/0	103/162	59/162					
1	Travisian in de Toni and Travisian 1899	80/80 4/4 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 6/6	2/2 3/3	1/1 3/3 2/2	5/5 6/6	4/4 1/1 8/8	1/1 0/0	0/0	50/80	30/80						
1	Serratia marcescens WW4	80/80 4/4 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 6/6	2/2 3/3	1/1 3/3 2/2	5/5 6/6	4/4 1/1 8/8	1/1 0/0	0/0	50/80	30/80						
1	Serratia marcescens FG194	80/80 4/4 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 6/6	2/2 3/3	1/1 3/3 2/2	5/5 6/6	4/4 1/1 8/8	1/1 0/0	0/0	50/80	30/80						
1	"Erwinia proteromaculans" (Paine and Stanfield 1919) Dyae 1966	83/83 4/4 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 6/6 5/5	2/2 3/3	1/1 3/3 2/2	4/4 6/6	4/4 1/1 8/8	1/1 0/0	0/0	36/83	17/83	16/83	14/83				
1	Serratia proteromaculans 568	83/83 4/4 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 6/6 5/5	2/2 3/3	1/1 3/3 2/2	4/4 6/6	4/4 1/1 8/8	1/1 0/0	0/0	36/83	17/83	16/83	14/83				
1	"Bacterium plymuthicum" (sic) Lehmann and Neumann 1896	10/10 9/9	12/12 9/9	18/18 21/21 3/3	6/8 15/15	3/3 18/18 18/18	8/8 8/8	3/3 9/9 6/6	12/12 18/18	12/12 3/3 24/24	3/3 0/0	0/0	0/0	43/148	20/148	19/148	16/148			
1	Serratia odorifera 4Rx13	50/50 4/4 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 6/6	2/2 4/4	1/1 3/3 2/2	4/4 8/8	4/4 1/1 8/8	1/1 0/0	0/0	51/80	27/80						
1	Serratia plymuthica AS9	84/84 4/4 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 6/6	2/2 3/3	1/1 3/3 2/2	4/4 6/6	4/4 1/1 8/8	1/1 0/0	0/0	53/84	31/84						
1	Serratia plymuthica S13	84/84 4/4 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 6/6	2/2 3/3	1/1 3/3 2/2	4/4 6/6	4/4 1/1 8/8	1/1 0/0	0/0	53/84	31/84						
1	"Candidatus Serratia symbiotica" Moran et al. 2005	10/10 2/2 0/1	1/1 1/1	2/2 0/0 0/0	100.00 100.00	100.00 100.00	66.70 100.00	0/0 0/0 0/0	0/0 0/0 0/0	0/0 0/0 0/0	0/0 0/0 0/0	0/0 0/0 0/0	12/35	10/35	7/35	6/35				
1	Candidatus Serratia symbiotica Cinar cedri	18/18 2/2 0/1	1/1 1/1	2/2 0/0 0/0	100.00 100.00	100.00 100.00	66.70 100.00	0/0 0/0 0/0	0/0 0/0 0/0	0/0 0/0 0/0	0/0 0/0 0/0	0/0 0/0 0/0	34/34AB	28/86	20/86	17/86				
1	Serratia sp. AS12	84/84 4/4 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 6/6	2/2 3/3	1/1 3/3 2/2	4/4 6/6	4/4 1/1 8/8	1/1 0/0	0/0	53/84	31/84						
1	Serratia sp. AS13	84/84 4/4 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 6/6	2/2 3/3	1/1 3/3 2/2	4/4 6/6	4/4 1/1 8/8	1/1 0/0	0/0	53/84	31/84						
9	Shigella	86/86 3/3 3/3	3/3 3/3	3/3 3/3	3/3 3/3	3/3 3/3	3/3 3/3	3/3 3/3	3/3 3/3	3/3 3/3	3/3 3/3	3/3 3/3	3/3 3/3	51/86	25/86	23/86	19/86	2/86	2/86	1/86
2	ATCC 8700	86/86 3/3 3/3	3/3 3/3	3/3 3/3	3/3 3/3	3/3 3/3	3/3 3/3	3/3 3/3	3/3 3/3	3/3 3/3	3/3 3/3	3/3 3/3	3/3 3/3	51/86	25/86	23/86	19/86	2/86	2/86	1/86
1	Shigella boydii BS227	80/80 4/4 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 6/6	2/2 4/4	1/1 3/3 2/2	4/4 8/8	4/4 1/1 8/8	1/1 0/0	0/0	51/80	27/80						
1	Shigella boydii BS512	80/80 4/4 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 6/6	2/2 4/4	1/1 3/3 2/2	4/4 8/8	4/4 1/1 8/8	1/1 0/0	0/0	51/80	27/80						
1	"Bacillus dysenteriae" Shiga 1898	87/87 3/3 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 6/6	2/2 3/3	1/1 3/3 2/2	4/4 6/6	4/4 1/1 8/8	1/1 0/0	0/0	53/87	32/87	1/87					
1	Shigella dysenteriae Sd197	87/87 3/3 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 6/6	2/2 3/3	1/1 3/3 2/2	4/4 6/6	4/4 1/1 8/8	1/1 0/0	0/0	53/87	32/87	1/87					
4	"Shigella paradysenteriae" Weditn 1927	10/10 12/12 12/12	15/15 9/9	40/40 21/21 4/4	7/7 15/15	3/3 20/20 17/17	8/8 18/18	4/4 12/12 8/8	30/30 43/43 21/21	30/30 31/31	4/4 0/0	0/0	0/0	242/388	142/388	1/388	1/388			
2	Shigella flexneri 2a	160/160	6/6 6/6	7/7 5/5	22/22 10/10 2/2	3/3 9/9	12/12 10/10 8/8	4/4 8/8	2/2 6/6 4/4	14/14 22/22	10/10 14/14 15/15	2/2 0/0	0/0	120/161	68/161	2/161	1/161			
1	Shigella flexneri 2a str. 301	82/82 3/3 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 6/6	2/2 4/4	1/1 3/3 2/2	4/4 8/8	4/4 1/1 8/8	1/1 0/0	0/0	57/82	34/82	1/82	1/82				
1	Shigella flexneri 2a str. 2457T	82/82 3/3 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 6/6	2/2 4/4	1/1 3/3 2/2	4/4 8/8	4/4 1/1 8/8	1/1 0/0	0/0	57/82	34/82	1/82	1/82				
1	Shigella flexneri 5	86/86 3/3 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 6/6	2/2 4/4	1/1 3/3 2/2	4/4 8/8	4/4 1/1 8/8	1/1 0/0	0/0	57/86	38/86	1/86					
1	Shigella flexneri 5 str. 8401	86/86 3/3 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 6/6	2/2 4/4	1/1 3/3 2/2	4/4 8/8	4/4 1/1 8/8	1/1 0/0	0/0	57/86	38/86	1/86					
1	Shigella flexneri 2002017	101/101	3/3 3/3	4/4 3/3	12/12 6/6 1/1	2/2 5/5	1/1 5/5 5/5	2/2 4/4	1/1 3/3 2/2	8/8 10/10	4/4 8/8 8/8	1/1 0/0	0/0	65/101	39/101					
1	"Bacterium sonnei" Levinse 1920	101/101	8/8 6/6	8/8 5/5	14/14 12/12 2/2	4/4 9/9	2/2 10/10 10/10	4/4 8/8	2/2 6/6 4/4	12/12 23/23	9/9 12/13 18/18	2/2 0/0	0/0	121/191	68/191	1/191	1/191			
1	Shigella sonnei 53G	111/111	2/2 5/5	3/3 3/3	11/11 8/8 1/1	1/1 4/4	3/3 5/5 8/8	2/2 4/4	1/1 3/3 2/2	7/7 11/11	6/6 7/7 7/7	0/0 0/0	0/0	63/111	34/111	1/111	1/111			
1	Shigella sonnei Ss046	161/161	4/4 2/2	7/7 6/6 1/1	2/2 4/4	1/1 5/5 5/5	2/2 4/4	1/1 3/3 2/2	6/6 12/12	5/5 6/6 10/10	1/1 0/0	0/0	102/161	36/161	1/161					
2	Xenorhabdus	10/10 9/9	8/8 7/7	10/10 12/12 2/2	4/4 11/11	2/2 10/10 11/11	10/10 8/8	2/2 6/6 4/4	8/8 13/13 7/7	2/2 14/14	0/0 0/0 0/0	0/0 0/0 0/0	102/161	59/161						
1	"Xenorhabdus nematophilus" Poinar and Thomas 1965	79/79 4/4 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 6/6	2/2 3/3	1/1 3/3 2/2	4/4 7/7	4/4 1/1 7/7	1/1 0/0	0/0	51/79	28/79						
1	Xenorhabdus nematophila ATCC 19061	79/79 4/4 3/3	4/4 3/3	8/6 6/6 1/1	3/3 5/5	1/1 5/5 6/6	2/2 3/3	1/1 3/3 2/2												

Accession	Species	Strain	Genome Size (Mb)	GC Content (%)	Contigs	CPDs	CDSs	SRGs	ORFs	ORFs (%)	ORFs/Mb	ORFs/Kb	ORFs/10Kb	ORFs/100Kb	ORFs/1M	ORFs/1G
1	"Paracolobactrum anguillimortiferum"	1900	110.2	58.8	1,141	12,132	2,877	23,537	3,330	100.0	12.32	123.2	1,232	12,320	123,200	1,232,000
8	Hoshina 1962	180	8.8	61.6	122	12	144	18	110	100.0	12.32	123.2	1,232	12,320	123,200	1,232,000
1	Edwardsiella tarda EIB200	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	Edwardsiella tarda FL602	95	105	4.4	14.4	14.4	18	18	212	100.0	12.32	123.2	1,232	12,320	123,200	1,232,000
1	ATCC 33202	93	63	4/4	3/3	5/5	3/3	7/7	8/8	11/1	3/3	7/7	11/1	5/5	8/8	2/2
1	Edwardsiella ictaluri 93-146	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	CCUG 62929	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	Edwardsiella piscicida C07-087	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	Photobacterium	99	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1	ATCC 29999	167	77	4/4	3/3	8/8	5/5	1/1	2/2	5/5	1/1	2/2	5/5	1/1	2/2	5/5
1	CGM 7076	167	77	4/4	3/3	8/8	5/5	1/1	2/2	5/5	1/1	2/2	5/5	1/1	2/2	5/5
1	Photobacterium luminescens subsp. laumondii TTO1	167	77	4/4	3/3	8/8	5/5	1/1	2/2	5/5	1/1	2/2	5/5	1/1	2/2	5/5
1	ATCC 43950	167	77	4/4	3/3	8/8	5/5	1/1	2/2	5/5	1/1	2/2	5/5	1/1	2/2	5/5
13	Buchnera	98	12	12	12	12	12	12	12	12	12	12	12	12	12	12
13	Acyrtosiphon pisum symbiont P	98	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1	Buchnera aphidicola (Schizaphis graminum)	98	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1	Buchnera aphidicola str. Sg (Schizaphis graminum)	98	12	12	12	12	12	12	12	12	12	12	12	12	12	12
7	Acyrtosiphon pisum endosymbiont	98	12	12	12	12	12	12	12	12	12	12	12	12	12	12
2	Buchnera aphidicola str. APS (Acyrtosiphon pisum)	98	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1	Buchnera aphidicola str. 5A (Acyrtosiphon pisum)	98	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1	Buchnera aphidicola str. Tuc7 (Acyrtosiphon pisum)	98	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1	Buchnera aphidicola str. JF98 (Acyrtosiphon pisum)	98	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1	Buchnera aphidicola str. JF99 (Acyrtosiphon pisum)	98	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1	Buchnera aphidicola str. TLW03 (Acyrtosiphon pisum)	98	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1	Buchnera aphidicola str. LL01 (Acyrtosiphon pisum)	98	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1	Buchnera aphidicola (Uroleuon ambrosiae)	98	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1	Buchnera aphidicola str. Ua (Uroleuon ambrosiae)	98	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1	Buchnera aphidicola (Baizongia pistaciae)	98	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1	Buchnera aphidicola (subsp. Baizongia pistaciae)	98	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1	Buchnera aphidicola (Cinara tujiarum)	98	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1	Buchnera aphidicola (Cinara cedri)	98	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1	Buchnera aphidicola BCC	98	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1	Buchnera aphidicola (Acyrtosiphon kondoi)	98	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1	Buchnera aphidicola str. AK (Acyrtosiphon kondoi)	98	12	12	12	12	12	12	12	12	12	12	12	12	12	12
3	Rahnella	228	11	11	9/9	9/9	8/8	18/18	15/15	3/3	6/6	14/14	3/3	6/6	14/14	8/8
2	ATCC 33071	182	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8
1	Rahnella aquatilis ATCC 33071	182	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8
1	Rahnella aquatilis HX2	182	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8
1	Rahnella aquatilis Y9602	182	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8
2	Wigglesworthia	468	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2
2	Wigglesworthia glossinidia	468	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2
1	Glossina morsitans P-endosymbiont	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3
1	Glossina brevipalpis P-endosymbiont	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2
6	Pantoea	469	21/21	18/18	19/19	20/20	22/22	30/30	26/26	7/7	18/18	33/33	8/8	24/24	24/24	12/12
4	"Bacillus ananas" Serrano 1928	303	14/14	12/12	13/13	13/13	17/17	24/24	4/4	16/16	16/16	4/4	12/12	8/8	12/12	27/27
1	Pantoea ananatis LMG 20103	303	14/14	12/12	13/13	13/13	17/17	24/24	4/4	16/16	16/16	4/4	12/12	8/8	12/12	27/27
1	Pantoea ananatis AJ13355	78	78	4/4	3/3	5/5	6/6	6/6	1/1	4/4	4/4	2/2	4/4	1/1	3/3	2/2
1	Pantoea ananatis PA13	78	78	4/4	3/3	5/5	6/6	6/6	1/1	4/4	4/4	2/2	4/4	1/1	3/3	2/2
1	Pantoea ananatis LMG 5342	78	78	4/4	3/3	5/5	6/6	6/6	1/1	4/4	4/4	2/2	4/4	1/1	3/3	2/2
1	BCC 105	77	77	4/4	3/3	5/5	6/6	6/6	1/1	4/4	4/4	2/2	4/4	1/1	3/3	2/2
1	Pantoea vagans C9-1	77	77	4/4	3/3	5/5	6/6	6/6	1/1	4/4	4/4	2/2	4/4	1/1	3/3	2/2
1	Pantoea sp. At-9b	167	77	4/4	3/3	5/5	6/6	6/6	1/1	4/4	4/4	2/2	4/4	1/1	3/3	2/2
1	Sodalis	168	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3
1	DDM 19629	168	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3
1	Sodalis glossinidius 'morsitans'	168	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3
5	Pectobacterium	181	19/19	19/19	19/19	19/19	30/30	25/25	5/5	10/10	25/25	5/5	15/15	10/10	20/20	29/29
2	"Bacillus carotovorus" Jones 1901	153	7/7	6/6	8/8	6/6	12/12	10/10	2/2	4/4	10/10	2/2	11/11	8/8	4/4	6/6
2	Erwinia carotovora carotovora	153	7/7	6/6	8/8	6/6	12/12	10/10	2/2	4/4	10/10	2/2	11/11	8/8	4/4	6/6
1	Pectobacterium carotovorum subsp. carotovorum PC1	153	7/7	6/6	8/8	6/6	12/12	10/10	2/2	4/4	10/10	2/2	11/11	8/8	4/4	6/6
1	Pectobacterium carotovorum subsp. carotovorum PC21	153	7/7	6/6	8/8	6/6	12/12	10/10	2/2	4/4	10/10	2/2	11/11	8/8	4/4	6/6
1	"Bacillus atropsectus" van Hall 1902	79	7/7	6/6	8/8	6/6	12/12	10/10	2/2	4/4	10/10	2/2	11/11	8/8	4/4	6/6
1	Erwinia carotovora subsp. atropsectica SCRI1043	79	7/7	6/6	8/8	6/6	12/12	10/10	2/2	4/4	10/10	2/2	11/11	8/8	4/4	6/6
1	ATCC 43316	79	7/7	6/6	8/8	6/6	12/12	10/10	2/2	4/4	10/10	2/2	11/11	8/8	4/4	6/6
1	Pectobacterium carotovorum subsp. wasabiae WPP163	79	7/7	6/6	8/8	6/6	12/12	10/10	2/2	4/4	10/10	2/2	11/11	8/8	4/4	6/6
1	Pectobacterium sp. SCC3193	77	7/7	6/6	8/8	6/6	12/12	10/10	2/2	4/4	10/10	2/2	11/11	8/8	4/4	6/6
1	Raoultella	179	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3
1	ATCC 31898	179	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3
1	Raoultella ornitholytica B6	179	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3
7	unclassified Enterobacteriaceae (miscellaneous)	100	7/9	6/9	10/10	4/8	11/7	12/20	3/7	5/9	7/14	5/8	4/6	13/28	8/19	8/12
1	Cronobacter sp. FG157	28	2/6	3/6	8/6	2/6	8/12	4/12	2/6	3/10	4/8	8/23	3/12	3/6	3/8	2/6
6	ant endosymbionts	84	2/4	1/4	4/4	0/4	2/8	0/8	0/4	0/6	0/4	2/16	0/8	1/4	0/4	0/4
1	"Candidatus Blochmannia" Sauer et al. 2000	154	2/4	1/4	4/4	0/4	2/8	0/8	0/4	0/6	0/4	2/16	0/8	1/4	0/4	0/4
1	"Candidatus Blochmannia pennsylvaniae"	440	0/1	0/1	1/1	0/1	0/2	0/2	0/1	0/1	0/2	0/1	0/1	0/1	0/1	

1	Stenotrophomonas maltophilia K279a	72/73 3/3 4/4	2/2 4/4	8/8 4/4 1/1	1/1 8/8	1/1 3/4 3/3	2/2 2/2	1/1 4/4 1/1	3/3 6/6	4/4 1/1 7/7	1/1 0/0	0/0 0/0	0/0 40/73 12/73	11/73 9/73	1/73		
1	Burkholderia sp. JV3	98/62 100% 100%	100% 100%	100% 100%	100%	100% 75%	100%	100% 100%	100%	100% 100%	100%	0%	0%	0%	54/61B 16/49B	15/16AB 12/36B 1/4BE	
1	Stenotrophomonas maltophilia D457	72/72 3/3 4/4	2/2 4/4	8/8 4/4 1/1	1/1 8/8	1/1 3/4 3/3	2/2 2/2	1/1 4/4 1/1	3/3 6/6	4/4 1/1 7/7	1/1 0/0	0/0 0/0	0/0 40/73 12/73	11/73 9/73	1/73		
1	Frateria "Aetobacter aurantium" (sic) Kond and Aoyama 1958	71/71 3/3 4/4	1/1 4/4	5/5 4/4 2/2	1/1 8/8	1/1 4/4 4/4	1/1 3/3	1/1 4/4 1/1	4/4 6/6	4/4 1/1 5/5	0/0 0/0	0/0 0/0	0/0 50/71 21/71	0/0	0/0	70/45B 29/96A	
1	Frateria aurantia DSM 6220	71/71 3/3 4/4	1/1 4/4	5/5 4/4 2/2	1/1 8/8	1/1 4/4 4/4	1/1 3/3	1/1 4/4 1/1	4/4 6/6	4/4 1/1 5/5	0/0 0/0	0/0 0/0	0/0 50/71 21/71	0/0	0/0	70/45B 29/96A	
1	Rhodanobacter	49/49 1/1 2/2	1/1 2/2	4/4 3/3 1/1	1/1 4/4	1/1 4/4 2/2	1/1 2/2	1/1 3/3 1/1	3/3 4/4	2/2 1/1 5/5	0/0 0/0	0/0 0/0	0/0 34/49 15/49	0/0	0/0	69/49AB 30/69AB	
1	DSM 23569	101	100%	100% 100%	100%	100% 100%	100%	100% 100%	100%	100% 100%	100%	0%	0%	0%	69/49AB 30/69AB	0%	
2	Pseudoxanthomonas	101	100%	100% 100%	100%	100% 100%	100%	100% 100%	100%	100% 100%	100%	0%	0%	0%	69/49AB 30/69AB	0%	
1	DSM 17175	101	100%	100% 100%	100%	100% 100%	100%	100% 100%	100%	100% 100%	100%	0%	0%	0%	69/49AB 30/69AB	0%	
1	Pseudoxanthomonas suwonensis 11-1	52/52 3/3 1/1	1/1 2/2	4/4 3/3 1/1	1/1 5/5	1/1 4/4 2/2	1/1 2/2	1/1 3/3 1/1	3/3 4/4	2/2 1/1 6/6	0/0 0/0	0/0 0/0	0/0 34/52 18/52	0/0	0/0	65/49AB 14/69AB	
1	CCUG 53828	49/49 2/2 2/2	1/1 1/1	4/4 3/3 1/1	1/1 3/3	1/1 4/4 2/2	1/1 2/2	1/1 3/3 1/1	3/3 4/4	2/2 2/2 5/5	0/0 0/0	0/0 0/0	0/0 33/49 16/49	0/0	0/0	67/36AB 32/76AB	
1	Pseudoxanthomonas spadic BO-a59	49/49 2/2 2/2	1/1 1/1	4/4 3/3 1/1	1/1 3/3	1/1 4/4 2/2	1/1 2/2	1/1 3/3 1/1	3/3 4/4	2/2 2/2 5/5	0/0 0/0	0/0 0/0	0/0 33/49 16/49	0/0	0/0	67/36AB 32/76AB	
1	Cardiobacteriaceae group	44/44 1/1 2/2	2/2 3/3	2/2 2/2 1/1	1/1 4/4	1/1 3/3 2/2	1/1 1/1	1/1 3/3 1/1	2/2 3/3	2/2 1/1 5/5	0/0 0/0	0/0 0/0	0/0 32/44 12/44	0/0	0/0	72/74AB 22/36AB	
1	Cardiobacteriaceae	44/44 1/1 2/2	2/2 3/3	2/2 2/2 1/1	1/1 4/4	1/1 3/3 2/2	1/1 1/1	1/1 3/3 1/1	2/2 3/3	2/2 1/1 5/5	0/0 0/0	0/0 0/0	0/0 32/44 12/44	0/0	0/0	72/74AB 22/36AB	
1	Dichelobacter	44/44 1/1 2/2	2/2 3/3	2/2 2/2 1/1	1/1 4/4	1/1 3/3 2/2	1/1 1/1	1/1 3/3 1/1	2/2 3/3	2/2 1/1 5/5	0/0 0/0	0/0 0/0	0/0 32/44 12/44	0/0	0/0	72/74AB 22/36AB	
1	"Fusiformis nodosus" Beveridge 1941	44/44 1/1 2/2	2/2 3/3	2/2 2/2 1/1	1/1 4/4	1/1 3/3 2/2	1/1 1/1	1/1 3/3 1/1	2/2 3/3	2/2 1/1 5/5	0/0 0/0	0/0 0/0	0/0 32/44 12/44	0/0	0/0	72/74AB 22/36AB	
1	Dichelobacter nodosus VCS1703A	44/44 1/1 2/2	2/2 3/3	2/2 2/2 1/1	1/1 4/4	1/1 3/3 2/2	1/1 1/1	1/1 3/3 1/1	2/2 3/3	2/2 1/1 5/5	0/0 0/0	0/0 0/0	0/0 32/44 12/44	0/0	0/0	72/74AB 22/36AB	
2	Methylococcalea group	11/11 2/2 3/3	2/2 5/5	6/6 6/6 2/2	2/2 7/7	2/2 7/7 3/3	3/3 3/3	2/2 5/5 2/2	6/6 8/8	4/4 2/2 10/10	0/0 0/0	0/0 0/0	0/0 64/11 27/11	0/0	0/0	70/39AB 29/76AB	
2	Methylococaceae	11/11 2/2 3/3	2/2 5/5	6/6 6/6 2/2	2/2 7/7	2/2 7/7 3/3	3/3 3/3	2/2 5/5 2/2	6/6 8/8	4/4 2/2 10/10	0/0 0/0	0/0 0/0	0/0 64/11 27/11	0/0	0/0	70/39AB 29/76AB	
1	Methylococcus	10/10 1/1 1/1	1/1 2/2	3/3 3/3 1/1	1/1 3/3	1/1 4/4 2/2	1/1 2/2	1/1 3/3 1/1	3/3 4/4	2/2 1/1 5/5	0/0 0/0	0/0 0/0	0/0 32/46 14/46	0/0	0/0	69/49AB 30/69AB	
1	ACM 1292	46/46 1/1 1/1	1/1 2/2	3/3 3/3 1/1	1/1 3/3	1/1 4/4 2/2	1/1 2/2	1/1 3/3 1/1	3/3 4/4	2/2 1/1 5/5	0/0 0/0	0/0 0/0	0/0 32/46 14/46	0/0	0/0	69/49AB 30/69AB	
1	Methylococcus capsulatus ATCC 33009	46/46 1/1 1/1	1/1 2/2	3/3 3/3 1/1	1/1 3/3	1/1 4/4 2/2	1/1 2/2	1/1 3/3 1/1	3/3 4/4	2/2 1/1 5/5	0/0 0/0	0/0 0/0	0/0 32/46 14/46	0/0	0/0	69/49AB 30/69AB	
1	"Methanoxilus" Orla-Jensen 1909	45/45 1/1 2/2	1/1 3/3	2/2 3/3 1/1	1/1 4/4	1/1 3/3 1/1	2/2 1/1	1/1 2/2 1/1	3/3 4/4	2/2 1/1 5/5	0/0 0/0	0/0 0/0	0/0 32/45 13/45	0/0	0/0	71/16AB 28/96AB	
1	"Bailliu methanicus" Sohngen 1906	45/45 1/1 2/2	1/1 3/3	2/2 3/3 1/1	1/1 4/4	1/1 3/3 1/1	2/2 1/1	1/1 2/2 1/1	3/3 4/4	2/2 1/1 5/5	0/0 0/0	0/0 0/0	0/0 32/45 13/45	0/0	0/0	71/16AB 28/96AB	
1	Methylococcus methanica MC09	45/45 1/1 2/2	1/1 3/3	2/2 3/3 1/1	1/1 4/4	1/1 3/3 1/1	2/2 1/1	1/1 2/2 1/1	3/3 4/4	2/2 1/1 5/5	0/0 0/0	0/0 0/0	0/0 32/45 13/45	0/0	0/0	71/16AB 28/96AB	
1	Methylococcus methanica MC09	45/45 1/1 2/2	1/1 3/3	2/2 3/3 1/1	1/1 4/4	1/1 3/3 1/1	2/2 1/1	1/1 2/2 1/1	3/3 4/4	2/2 1/1 5/5	0/0 0/0	0/0 0/0	0/0 32/45 13/45	0/0	0/0	71/16AB 28/96AB	
18	Oceanospirillales	10/27 29/36 30/47	10/27 29/36	30/47 31/32 32/20	31/32 42/41	11/19 33/39 24/32	13/21 19/27	12/20 30/38 15/23	33/45 50/68	17/40 10/19 58/62	0/0 0/0	0/0 0/0	0/0 42/152 185/152	96/152 2/152	0/152	87/29AB 16/152 11/35 2/35C	
10	Alcanivorax/Fundibacter group	151	100%	100% 100%	100%	100% 100%	100%	100% 100%	100%	100% 100%	100%	0%	0%	0%	137/108 25/76	34/108 41/369 41/369 2/369	
1	Deleya	98/98 3/3 4/4	2/2 5/5	6/6 6/6 2/2	2/2 7/7	2/2 7/7 3/3	3/3 3/3	2/2 5/5 2/2	6/6 8/8	4/4 2/2 10/10	0/0 0/0	0/0 0/0	0/0 64/11 27/11	0/0	0/0	70/39AB 29/76AB	
1	ATCC 33173	98/98 3/3 4/4	2/2 5/5	6/6 6/6 2/2	2/2 7/7	2/2 7/7 3/3	3/3 3/3	2/2 5/5 2/2	6/6 8/8	4/4 2/2 10/10	0/0 0/0	0/0 0/0	0/0 64/11 27/11	0/0	0/0	70/39AB 29/76AB	
1	Halomonas elongata ATCC 33173	98/98 3/3 4/4	2/2 5/5	6/6 6/6 2/2	2/2 7/7	2/2 7/7 3/3	3/3 3/3	2/2 5/5 2/2	6/6 8/8	4/4 2/2 10/10	0/0 0/0	0/0 0/0	0/0 64/11 27/11	0/0	0/0	70/39AB 29/76AB	
1	Chromobacter	89/89 2/2 3/3	3/3 5/5	5/5 4/4 2/2	1/1 7/7	1/1 4/4 3/3	1/1 2/2	1/1 3/3 2/2	3/3 5/5	4/4 1/1 7/7	0/0 0/0	0/0 0/0	0/0 49/69 20/69	0/0	0/0	74/15AB 29/96AB	
1	ATCC BAA-138	89/89 2/2 3/3	3/3 5/5	5/5 4/4 2/2	1/1 7/7	1/1 4/4 3/3	1/1 2/2	1/1 3/3 2/2	3/3 5/5	4/4 1/1 7/7	0/0 0/0	0/0 0/0	0/0 49/69 20/69	0/0	0/0	74/15AB 29/96AB	
1	Chromobacter salexigenis 1H11	89/89 2/2 3/3	3/3 5/5	5/5 4/4 2/2	1/1 7/7	1/1 4/4 3/3	1/1 2/2	1/1 3/3 2/2	3/3 5/5	4/4 1/1 7/7	0/0 0/0	0/0 0/0	0/0 49/69 20/69	0/0	0/0	74/15AB 29/96AB	
8	Zymobacter "Candidatus Carsonella" Thao et al. 2000	0/24 12/28 0/6	0/6 0/6	0/12 0/6 0/6	0/6 0/6	0/6 0/18 0/6	0/6 0/6	0/6 0/6	0/6 0/6	0/6 0/12 0/6	0/6 0/18 0/6	0/6 0/18	0/6 0/18	0/6 0/18	0/6 0/18	0/6 0/18	0/101 167/167 65/167 1/167
6	"Candidatus Carsonella ruddii" Thao et al. 2000	0/0 0/0 0/0	0/0 0/0	0/0 0/0	0/0 0/0	0/0 0/0	0/0 0/0	0/0 0/0	0/0 0/0	0/0 0/0	0/0 0/0	0/0 0/0	0/0 0/0	0/0 0/0	0/0 0/0	0/65 58/65 38/95 0/65C	
1	primary endosymbiont of Heterospylla cubana	0/28 0/1 0/1	0/1 0/1	0/2 0/1 0/1	0/1 0/1	0/1 0/3 0/1	0/1 0/1	0/1 0/1	0/1 0/1	0/1 0/2 0/1	0/1 0/3 0/1	0/1 0/3	0/1 0/3	0/1 0/3	0/1 0/3	0/19 28 9/28	
1	Candidatus Carsonella ruddii HC isolate Thao2000	0/28 0/1 0/1	0/1 0/1	0/2 0/1 0/1	0/1 0/1	0/1 0/3 0/1	0/1 0/1	0/1 0/1	0/1 0/1	0/1 0/2 0/1	0/1 0/3 0/1	0/1 0/3	0/1 0/3	0/1 0/3	0/1 0/3	0/19 33 14/33	
1	Candidatus Carsonella ruddii PV isolate Thao2000	0/28 0/1 0/1	0/1 0/1	0/2 0/1 0/1	0/1 0/1	0/1 0/3 0/1	0/1 0/1	0/1 0/1	0/1 0/1	0/1 0/2 0/1	0/1 0/3 0/1	0/1 0/3	0/1 0/3	0/1 0/3	0/1 0/3	0/19 33 14/33	
1	Candidatus Carsonella ruddii CS isolate Thao2000	0/28 0/1 0/1	0/1 0/1	0/2 0/1 0/1	0/1 0/1	0/1 0/3 0/1	0/1 0/1	0/1 0/1	0/1 0/1	0/1 0/2 0/1	0/1 0/3 0/1	0/1 0/3	0/1 0/3	0/1 0/3	0/1 0/3	0/19 33 14/33	
1	Candidatus Carsonella ruddii HT isolate Thao2000	0/28 0/1 0/1	0/1 0/1	0/2 0/1 0/1	0/1 0/1	0/1 0/3 0/1	0/1 0/1	0/1 0/1	0/1 0/1	0/1 0/2 0/1	0/1 0/3 0/1	0/1 0/3	0/1 0/3	0/1 0/3	0/1 0/3	0/19 33 14/33	
1	Candidatus Carsonella ruddii PC isolate NHV	0/28 0/1 0/1	0/1 0/1	0/2 0/1 0/1	0/1 0/1	0/1 0/3 0/1	0/1 0/1	0/1 0/1	0/1 0/1	0/1 0/2 0/1	0/1 0/3 0/1	0/1 0/3	0/1 0/3	0/1 0/3	0/1 0/3	0/19 33 14/33	
2	whitely endosymbionts "Candidatus Portiera" Thao and Baumann 2004	1/67 1/2 0/2	0/2 0/2	0/4 0/4 0/2	0/2 0/3	0/2 0/8 0/2	0/2 0/2	0/2 0/2	0/2 0/8	0/6 0/6	0/2 0/2 0/6	0/6 0/6	0/6 0/6	0/6 0/6	0/6 0/6	0/36 67 30/67 1/67	
2	"Candidatus Portiera aleyrodorum" Thao and Baumann 2004	1/67 1/2 0/2	0/2 0/2	0/4 0/4 0/2	0/2 0/3	0/2 0/8 0/2	0/2 0/2	0/2 0/2	0/2 0/8	0/6 0/6	0/2 0/2 0/6	0/6 0/6	0/6 0/6	0/6 0/6	0/6 0/6	0/36 67 30/67 1/67	
1	Candidatus Portiera aleyrodorum BT-B	0/28 0/1 0/1	0/1 0/1	0/2 0/2 0/1	0/1 0/1	0/1 0/4 0/1	0/1 0/1	0/1 0/1	0/1 0/3	0/3 0/3	0/1 0/1 0/3	0/1 0/3	0/1 0/3	0/1 0/3	0/1 0/3	0/19 33 14/33	
1	Candidatus Portiera aleyrodorum TV	0/28 0/1 0/1	0/1 0/1	0/2 0/2 0/1	0/1 0/1	0/1 0/4 0/1	0/1 0/1	0/1 0/1	0/1 0/3	0/3 0/3	0/1 0/1 0/3	0/1 0/3	0/1 0/3	0/1 0/3	0/1 0/3	0/19 33 14/33	
1	Alcanivorax/Fundibacter group	231	100%	100% 100%	100%	100% 100%	100%	100% 100%	100%	100% 100%	100%	0%	0%	0%	201/291 90/291	69/15AB 30/96AB	
1	Marinomonas	241	100%	100% 100%	100%	100% 100%	100%	100% 100%	100%	100% 100%	100%	0%	0%	0%	187/241 74/241	67/241 20/96AB	
1	ATCC 700492	18/18 5/5 7/7	2/2 3/3	5/5 7/7 1/1	2/2 4/4	1/1 3/3 4/4	2/2 3/3	2/2 3/3 2/2	5/5 6/6	3/3 1/1 7/7	0/0 0/0	0/0 0/0	0/0 55/78 23/78	0/0	0/0	70/59AB 29/96AB	
1	Marinomonas mediterranea MMB-1	80/80 5/5 6/6	2/2 3/3	7/7 7/7 1/1	2/2 5/5	1/1 3/3 3/3	1/1 3/3	1/1 3/3 2/2	5/5 6/6	7/7 1/1 6/6	0/0 0/0	0/0 0/0	0/0 55/80 25/80	0/0	0/0	70/59AB 29/96AB	
1	Marinomonas sp. MWYL1	80/80 5/5 6/6	2/2 3/3	7/7 7/7 1/1	2/2 5/5	1/1 3/3 3/3	1/1 3/3	1/1 3/3 2/2	5/5 6/6	7/7 1/1 6/6	0/0 0/0	0/0 0/0	0/0 55/80 25/80	0/0	0/0	70/59AB 29/96AB	
1	Marinomonas positonica'	80/80 5/5 6/6	2/2 3/3	7/7 7/7 1/1	2/2 5/5	1/1 3/3 3/3	1/1 3/3	1/1 3/3 2/2	5/5 6/6	7/7 1/1 6/6	0/0 0/0	0/0 0/0	0/0 55/80 25/80	0/0	0/0	70/59AB 29/96AB	
1	Marinomonas positonica IVIA-PO-181	80/80 5/5 6/6	2/2 3/3	7/7 7/7 1/1	2/2 5/5	1/1 3/3 3/3	1/1 3/3	1/1 3/3 2/2	5/5 6/6	7/7 1/1 6/6	0/0 0/0	0/0 0/0	0/0 55/80 25/80	0/0	0/0	70/59AB 29/96AB	
1	Thalassotilus	50/50 2/2 4/4	2/2 1/1	4/4 4/4 1/1	1/1 2/2	1/1 3/3 2/2	1/1 1/1	1/1 3/3 1/1	2/2 5/5	3/3 1/1 5/5	0/0 0/0	0/0 0/0	0/0 34/50 16/50	0/0			

1	<i>Shewanella</i>	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	0.00	0.00	0.00	71.0%AB	29.0%AB			
1	<i>Alteromonas macleodii</i> str. 'Ionian Sea U4'	49/49	3/3	4/4	2/2	4/4	1/1	1/1	2/2	0/0	3/5	2/2	4/4	0/0	1/1	2/2	1/1	4/4	0/0	0/0	0/0	0/0	32/49	17/49		
1	<i>Alteromonas macleodii</i> str. 'Ionian Sea UT'	99/99	2/2	2/2	2/2	2/2	4/4	4/4	1/1	1/1	3/3	2/2	4/4	2/2	1/1	4/4	1/1	2/2	1/1	3/3	5/5	4/4	1/1	8/8	0/0	
1	<i>Alteromonas macleodii</i> str. 'Ionian Sea UB'	54/54	0/0	3/4	2/2	2/2	3/3	4/4	2/2	2/2	3/3	1/1	2/2	3/3	1/1	2/2	1/1	4/4	0/0	4/4	4/4	3/3	1/1	6/6	0/0	
1	<i>Alteromonas macleodii</i> str. 'Ionian Sea UM7'	80/80	2/2	4/4	2/2	3/3	2/2	1/1	1/1	2/2	1/1	4/4	2/2	3/3	1/1	3/3	1/1	4/4	2/2	3/3	5/5	3/3	1/1	7/7	0/0	
1	<i>Alteromonas macleodii</i> str. 'Ionian Sea UM4b'	87/87	2/2	4/4	2/2	3/3	2/2	3/3	2/2	2/2	1/1	4/4	2/2	4/4	2/2	1/1	2/2	1/1	3/3	0/0	5/3	8/8	4/4	1/1	5/5	0/0
1	<i>Alteromonas</i> sp. SN2	54/54	2/2	4/4	2/2	3/3	4/4	5/5	1/1	1/1	4/4	2/2	5/5	3/3	1/1	3/3	1/1	3/3	1/1	5/3	5/5	4/4	1/1	6/6	0/0	
4	<i>Marinobacter</i>	199	9/8	8/8	8/8	12/12	13/13	12/12	4/4	4/4	16/16	4/4	12/12	9/8	8/4	4/4	4/4	12/12	4/4	7/7	20/20	8/8	4/4	20/20	0/0	
2	ATCC 49840	101	4/4	4/4	4/4	6/6	8/8	6/6	2/2	2/2	8/8	2/2	6/6	5/5	2/2	2/2	2/2	6/6	2/2	4/4	10/10	4/4	2/2	10/10	0/0	
1	<i>Marinobacter aquaeolei</i> V78	51/51	2/2	2/2	2/2	3/3	3/3	1/1	1/1	4/4	1/1	3/3	3/3	1/1	1/1	1/1	3/3	1/1	2/2	5/5	2/2	1/1	5/5	0/0	0/0	
1	<i>Marinobacter hydrocarbonoclasticus</i> ATCC 49840	50/50	2/2	2/2	2/2	3/3	4/4	3/3	1/1	1/1	4/4	3/3	2/2	1/1	1/1	1/1	3/3	1/1	2/2	5/5	2/2	1/1	5/5	0/0	0/0	
1	<i>Marinobacter</i> sp. BS20148	48/48	2/2	2/2	2/2	3/3	3/3	1/1	1/1	4/4	1/1	3/3	2/2	1/1	1/1	1/1	3/3	1/1	2/2	5/5	2/2	1/1	5/5	0/0	0/0	
1	<i>Marinobacter adhaerens</i> Gardes et al. 2010	48/48	2/2	2/2	2/2	3/3	4/4	3/3	1/1	1/1	4/4	1/1	3/3	2/2	1/1	1/1	3/3	1/1	1/1	5/5	2/2	1/1	5/5	0/0	0/0	
1	<i>Marinobacter adhaerens</i> HP15	48/48	2/2	2/2	2/2	3/3	4/4	3/3	1/1	1/1	4/4	1/1	3/3	2/2	1/1	1/1	3/3	1/1	1/1	5/5	2/2	1/1	5/5	0/0	0/0	
3	<i>Glaciecola</i>	172	7/7	7/7	6/6	15/15	10/10	7/7	3/3	2/3	18/18	9/6	10/10	7/7	3/3	9/9	2/3	8/8	3/3	9/9	14/14	6/6	3/3	15/15	0/0	
1	<i>Glaciecola nitratireducens</i>	54/54	1/1	3/3	2/2	4/4	3/3	3/3	1/1	1/1	5/5	2/2	3/3	2/2	1/1	3/3	1/1	3/3	1/1	3/3	4/4	2/2	1/1	5/5	0/0	
1	<i>Glaciecola nitratireducens</i> FR1064	54/54	1/1	3/3	2/2	4/4	3/3	3/3	1/1	1/1	5/5	2/2	3/3	2/2	1/1	3/3	1/1	3/3	1/1	3/3	4/4	2/2	1/1	5/5	0/0	
1	CGMCC 1.6130	2/2	1/1	7/7	1/1	7/7	1/1	1/1	7/7	1/1	1/1	7/7	1/1	1/1	1/1	1/1	1/1	3/3	1/1	3/3	1/1	1/1	5/5	0/0	0/0	
1	<i>Glaciecola psychrophila</i> 170	58/58	3/3	3/3	2/2	5/5	4/4	2/2	1/1	1/1	6/6	2/2	4/4	2/2	1/1	3/3	1/1	2/2	1/1	3/3	5/5	2/2	1/1	5/5	0/0	
1	<i>Glaciecola agaralitica</i> 4H-3-7+YE-5	40/40	1/1	2/2	2/2	1/1	2/2	3/3	1/1	1/1	2/2	1/1	3/3	2/2	1/1	1/1	1/1	2/2	1/1	2/2	4/4	1/1	1/1	5/5	0/0	
1	<i>Saccharophagus</i>	40/40	1/1	2/2	2/2	1/1	2/2	3/3	1/1	1/1	2/2	1/1	3/3	2/2	1/1	1/1	1/1	2/2	1/1	2/2	4/4	1/1	1/1	5/5	0/0	
1	ATCC 43961	40/40	1/1	2/2	2/2	1/1	2/2	3/3	1/1	1/1	2/2	1/1	3/3	2/2	1/1	1/1	1/1	2/2	1/1	2/2	4/4	1/1	1/1	5/5	0/0	
1	<i>Microbulfiber degradans</i> 2-40	40/40	1/1	2/2	2/2	1/1	2/2	3/3	1/1	1/1	2/2	1/1	3/3	2/2	1/1	1/1	1/1	2/2	1/1	2/2	4/4	1/1	1/1	5/5	0/0	
1	<i>Alteromonadaceae</i> genera incertae sedis	39/39	1/1	2/2	2/2	1/1	2/2	3/3	1/1	1/1	2/2	1/1	3/3	2/2	1/1	1/1	1/1	2/2	1/1	2/2	3/3	1/1	1/1	5/5	0/0	
1	'Teredinibacter' Waterbury et al. 1989	39/39	1/1	2/2	2/2	1/1	2/2	3/3	1/1	1/1	2/2	1/1	3/3	2/2	1/1	1/1	1/1	2/2	1/1	2/2	3/3	1/1	1/1	5/5	0/0	
1	'Teredinibacter turnerae' Waterbury et al. 1989	39/39	1/1	2/2	2/2	1/1	2/2	3/3	1/1	1/1	2/2	1/1	3/3	2/2	1/1	1/1	1/1	2/2	1/1	2/2	3/3	1/1	1/1	5/5	0/0	
1	<i>Teredinibacter turnerae</i> T7901	39/39	1/1	2/2	2/2	1/1	2/2	3/3	1/1	1/1	2/2	1/1	3/3	2/2	1/1	1/1	1/1	2/2	1/1	2/2	3/3	1/1	1/1	5/5	0/0	
3	<i>Pseudoalteromonadaceae</i>	229	11/11	15/15	7/7	8/8	17/17	19/19	5/5	6/6	13/13	9/6	17/17	12/12	8/8	8/8	5/5	9/9	4/4	10/10	18/18	11/11	3/3	19/19	0/0	
3	<i>Pseudoalteromonas</i>	229	11/11	15/15	7/7	8/8	17/17	19/19	5/5	6/6	13/13	9/6	17/17	12/12	8/8	8/8	5/5	9/9	4/4	10/10	18/18	11/11	3/3	19/19	0/0	
1	'Alteromonas marinopraesens' (ZoBell and Upham 1944) Baumann et al. 1972	105	4/4	11/11	4/4	2/2	7/7	9/9	2/2	3/3	4/4	2/2	7/7	8/8	3/3	4/4	2/2	4/4	2/2	4/4	7/7	6/6	1/1	9/9	0/0	
1	<i>Pseudoalteromonas haloplanktis</i> TAC125	105	4/4	11/11	4/4	2/2	7/7	9/9	2/2	3/3	4/4	2/2	7/7	8/8	3/3	4/4	2/2	4/4	2/2	4/4	7/7	6/6	1/1	9/9	0/0	
1	ATCC 19262	105	4/4	11/11	4/4	2/2	7/7	9/9	2/2	3/3	4/4	2/2	7/7	8/8	3/3	4/4	2/2	4/4	2/2	4/4	7/7	6/6	1/1	9/9	0/0	
1	<i>Pseudoalteromonas atlantica</i> T6c	102	6/2	3/3	3/3	3/3	4/4	4/4	1/1	1/1	6/6	2/2	4/4	2/2	1/1	3/3	1/1	2/2	1/1	3/3	5/5	3/3	1/1	5/5	0/0	
1	<i>Pseudoalteromonas</i> sp. SM9913	102	6/2	3/3	3/3	3/3	4/4	4/4	1/1	1/1	6/6	2/2	4/4	2/2	1/1	3/3	1/1	2/2	1/1	3/3	5/5	3/3	1/1	5/5	0/0	
1	<i>Colwelliaceae</i>	88/88	6/6	5/5	4/4	2/2	5/5	7/7	2/2	2/2	8/8	2/2	5/5	6/6	2/2	2/2	1/1	5/5	2/2	3/3	5/5	6/6	1/1	7/7	0/0	
1	<i>Colwellia</i>	88/88	6/6	5/5	4/4	2/2	5/5	7/7	2/2	2/2	8/8	2/2	5/5	6/6	2/2	2/2	1/1	5/5	2/2	3/3	5/5	6/6	1/1	7/7	0/0	
1	'Vibrio psychroerythrus' D'Aoust and Kushner 1972	88/88	6/6	5/5	4/4	2/2	5/5	7/7	2/2	2/2	8/8	2/2	5/5	6/6	2/2	2/2	1/1	5/5	2/2	3/3	5/5	6/6	1/1	7/7	0/0	
1	<i>Colwellia psycherythraea</i> 34H	88/88	6/6	5/5	4/4	2/2	5/5	7/7	2/2	2/2	8/8	2/2	5/5	6/6	2/2	2/2	1/1	5/5	2/2	3/3	5/5	6/6	1/1	7/7	0/0	
24	<i>Shewanellaceae</i>	252/252	149/149	98/98	127/127	69/69	107/107	205/205	48/48	7/7	107/107	159/159	252/252	98/98	127/127	69/69	107/107	205/205	48/48	7/7	107/107	159/159	252/252	98/98		
24	<i>Shewanella</i>	252/252	149/149	98/98	127/127	69/69	107/107	205/205	48/48	7/7	107/107	159/159	252/252	98/98	127/127	69/69	107/107	205/205	48/48	7/7	107/107	159/159	252/252	98/98		
1	'Pseudomonas putrefaciens' (Derby and Hammer) Long and Hammer 1941	201	11/11	8/8	10/10	6/6	14/14	15/15	4/4	8/8	10/10	2/2	12/12	11/11	6/6	6/6	4/4	8/8	4/4	10/10	18/18	14/14	2/2	18/18	0/0	
1	<i>Shewanella putrefaciens</i> CN-32	101	5/5	4/4	5/5	3/3	7/7	8/8	2/2	4/4	5/5	1/1	6/6	6/6	3/3	3/3	2/2	4/4	2/2	5/5	9/9	7/7	1/1	9/9	0/0	
1	<i>Shewanella putrefaciens</i> 200	100	6/6	4/4	5/5	3/3	7/7	7/7	2/2	4/4	5/5	1/1	6/6	5/5	3/3	3/3	2/2	4/4	2/2	5/5	9/9	7/7	1/1	9/9	0/0	
1	ACAM 591	96/96	6/6	4/4	5/5	4/4	8/8	8/8	2/2	4/4	5/5	1/1	6/6	6/6	2/2	3/3	2/2	5/5	2/2	3/3	7/7	6/6	1/1	8/8	0/0	
1	<i>Shewanella frigidimarina</i> NCMB 400	125	10/10	4/4	7/7	7/7	11/11	2/2	8/8	5/5	1/1	8/8	9/9	3/3	3/3	2/2	4/4	2/2	4/4	14/14	8/8	1/1	9/9	0/0		
1	<i>Shewanella bacterium</i> DSS12	125	10/10	4/4	7/7	7/7	11/11	2/2	8/8	5/5	1/1	8/8	9/9	3/3	3/3	2/2	4/4	2/2	4/4	14/14	8/8	1/1	9/9	0/0		
1	ATCC 700329	101	4/4	4/4	5/5	3/3	7/7	8/8	2/2	4/4	8/8	2/2	5/5	6/6	2/2	3/3	2/2	5/5	2/2	4/4	9/9	7/7	1/1	7/7	0/0	
1	<i>Shewanella onnezensis</i> SB2B	101	4/4	4/4	5/5	3/3	7/7	8/8	2/2	4/4	8/8	2/2	5/5	6/6	2/2	3/3	2/2	5/5	2/2	4/4	9/9	7/7	1/1	7/7	0/0	
1	<i>Shewanella</i> sp. MR-4	101	5/5	4/4	5/5	2/2	7/7	8/8	2/2	4/4	4/4	1/1	6/6	7/7	3/3	3/3	2/2	4/4	2/2	5/5	9/9	7/7	1/1	9/9	0/0	
1	<i>Shewanella</i> sp. MR-7	103	5/5	4/4	5/5	3/3	7/7	8/8	2/2	4/4	5/5	1/1	6/6	7/7	3/3	3/3	2/2	4/4	2/2	5/5	9/9	7/7	1/1	9/9	0/0	
1	ATCC 51908	124	7/7	7/7	9/9	3/3	7/7	12/12	2/2	4/5	5/5	1/1	8/8	9/9	3/3	4/4	3/3	4/4	2/2	4/4	11/11	11/11	1/1	9/9	0/0	
1	<i>Shewanella woodyi</i> ATCC 51908	124	7/7	7/7	9/9	3/3	7/7	12/12	2/2	4/5	5/5	1/1	8/8	9/9	3/3	4/4	3/3	4/4	2/2	4/4	11/11	11/11	1/1	9/9	0/0	
7	CCUG 39356	72/72	44/44	28/28	31/31	21/21	47/47	53/53	14/14	14/14	27/27	35/35	77/77	40/40	49/49	21/21	21									

Table with columns for taxonomic groups and a large grid of numerical values representing data points for various studies or conditions. The groups listed include Rickettsia, Anaplasmataceae, Ehrlichia, Wolbachia, and various bacterial families.

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Table with columns for taxonomic classification (Genus, Species, Strain) and a grid of 0/1 values representing genetic markers. The table is organized into rows corresponding to different bacterial species and strains, with columns representing individual markers. The markers are grouped into clusters, with some clusters having a header row indicating their identity and coverage. The table is very dense and covers a wide range of bacterial taxa, including Bacillus, Geobacillus, Listeria, and others.

1	TCH843/119A	0.58	0.2	0.2	0.2	0.2	0.4	0.3	0.1	0.2	0.4	0.1	0.4	0.3	0.2	0.2	0.1	0.2	0.1	0.3	0.5	0.5	0.1	0.6	0.0	0.0	0.0	0.0	0.0	32.58	26/58		
	Streptococcus pneumoniae ATCC 700699	0.58	0.2	0.2	0.2	0.2	0.4	0.3	0.1	0.2	0.4	0.1	0.4	0.3	0.2	0.2	0.1	0.2	0.1	0.3	0.5	0.5	0.1	0.6	0.0	0.0	0.0	0.0	0.0	32.58	26/58		
1	Streptococcus pneumoniae AP200	0.52	0.2	0.2	0.2	0.3	0.3	0.1	0.2	0.4	0.1	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.4	0.5	0.1	0.6	0.0	0.0	0.0	0.0	0.0	30.52	22/52		
	Streptococcus pneumoniae gan7N10373	0.57	0.2	0.2	0.2	0.2	0.4	0.3	0.1	0.2	0.4	0.1	0.4	0.3	0.2	0.2	0.1	0.2	0.1	0.3	0.5	0.4	0.1	0.6	0.0	0.0	0.0	0.0	0.0	31.67	26/57		
1	Streptococcus pneumoniae OXC141	0.58	0.2	0.2	0.2	0.2	0.3	0.1	0.2	0.4	0.1	0.1	0.3	0.2	0.2	0.1	0.2	0.1	0.3	0.5	0.5	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	32.58	26/58		
1	Streptococcus pneumoniae INV200	0.52	0.2	0.2	0.2	0.3	0.3	0.1	0.2	0.4	0.1	0.1	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.4	0.5	0.1	0.6	0.0	0.0	0.0	0.0	0.0	30.52	22/52		
1	Streptococcus pneumoniae INV104	0.58	0.2	0.2	0.2	0.2	0.3	0.1	0.2	0.4	0.1	0.1	0.3	0.2	0.2	0.1	0.2	0.1	0.3	0.5	0.5	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	32.58	26/58		
1	Streptococcus pneumoniae SPNA45	0.58	0.2	0.2	0.2	0.2	0.3	0.1	0.2	0.4	0.1	0.1	0.3	0.2	0.2	0.1	0.2	0.1	0.3	0.5	0.5	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	32.58	26/58		
1	Streptococcus pneumoniae ST556	0.52	0.2	0.2	0.2	0.3	0.3	0.1	0.2	0.4	0.1	0.1	0.3	0.2	0.2	0.1	0.1	0.1	0.2	0.4	0.5	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	30.52	22/52		
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
18	"Micrococcus scarlatinae" Klein 1884	1.66	0.35	0.50	0.54	0.55	0.69	0.60	0.18	0.36	0.105	0.18	0.72	0.67	0.35	0.36	0.18	0.32	0.17	0.68	0.122	0.55	0.17	0.118	0.0	0.0	0.0	0.0	0.0	784.1166	322/1166		
3	Streptococcus pyogenes serotype M1	0.52	0.2	0.2	0.2	0.3	0.3	0.1	0.2	0.6	0.11	0.14	0.3	0.2	0.2	0.1	0.2	0.1	0.1	0.2	0.4	0.5	0.1	0.6	0.0	0.0	0.0	0.0	0.0	30.52	22/52		
1	Streptococcus pyogenes (serotype 1 / M1 GAS)	0.52	0.2	0.2	0.2	0.3	0.3	0.1	0.2	0.6	0.11	0.14	0.3	0.2	0.2	0.1	0.2	0.1	0.1	0.2	0.4	0.5	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	30.52	22/52	
1	Streptococcus pyogenes MGAS5005	0.57	0.2	0.2	0.2	0.2	0.3	0.1	0.2	0.4	0.1	0.1	0.3	0.2	0.2	0.1	0.2	0.1	0.3	0.5	0.4	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.67	26/57	
1	Streptococcus pyogenes M1 476	0.57	0.2	0.2	0.2	0.3	0.3	0.1	0.2	0.4	0.1	0.1	0.3	0.2	0.2	0.1	0.2	0.1	0.3	0.5	0.4	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.67	26/57	
2	Streptococcus pyogenes (serotype M3)	0.124	0.14	0.16	0.16	0.17	0.12	0.14	0.11	0.12	0.18	0.17	0.14	0.14	0.12	0.13	0.12	0.17	0.14	0.17	0.13	0.1	0.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88.124	26/124	
1	Streptococcus pyogenes SS1-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
1	Streptococcus pyogenes MGAS315	0.67	0.2	0.3	0.3	0.3	0.4	0.1	0.2	0.6	0.11	0.14	0.4	0.2	0.2	0.1	0.2	0.1	0.4	0.7	0.3	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.67	14/67	
1	Streptococcus pyogenes serotype M5	0.67	0.2	0.3	0.3	0.3	0.4	0.1	0.2	0.6	0.11	0.14	0.4	0.2	0.2	0.1	0.2	0.1	0.4	0.7	0.3	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.67	14/67	
1	Streptococcus pyogenes (serotype 5 / Manfred)	0.65	0.1	0.3	0.3	0.3	0.4	0.1	0.2	0.6	0.11	0.14	0.4	0.1	0.2	0.1	0.2	0.1	0.4	0.7	0.3	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.05	13/65	
1	Streptococcus pyogenes serotype M6	0.67	0.2	0.3	0.3	0.3	0.4	0.1	0.2	0.6	0.11	0.14	0.4	0.2	0.2	0.1	0.2	0.1	0.4	0.7	0.3	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.67	14/67	
1	Streptococcus pyogenes MGAS10394	0.67	0.2	0.3	0.3	0.3	0.4	0.1	0.2	0.6	0.11	0.14	0.4	0.2	0.2	0.1	0.2	0.1	0.4	0.7	0.3	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.67	14/67	
1	Streptococcus pyogenes (serotype M18)	0.67	0.2	0.3	0.3	0.3	0.4	0.1	0.2	0.6	0.11	0.14	0.4	0.2	0.2	0.1	0.2	0.1	0.4	0.7	0.3	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.67	14/67	
1	Streptococcus pyogenes (serotype 18 / MGAS8232)	0.67	0.2	0.3	0.3	0.3	0.4	0.1	0.2	0.6	0.11	0.14	0.4	0.2	0.2	0.1	0.2	0.1	0.4	0.7	0.3	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.67	14/67	
1	Streptococcus pyogenes serotype M49	0.68	0.2	0.3	0.3	0.3	0.4	0.1	0.2	0.6	0.11	0.14	0.4	0.2	0.2	0.1	0.2	0.1	0.4	0.7	0.3	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.67	29/68
1	Streptococcus pyogenes NZ131	0.68	0.2	0.3	0.3	0.3	0.4	0.1	0.2	0.6	0.11	0.14	0.4	0.2	0.2	0.1	0.2	0.1	0.4	0.7	0.3	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.67	29/68
1	Streptococcus pyogenes serotype M28	0.67	0.2	0.3	0.3	0.3	0.4	0.1	0.2	0.6	0.11	0.14	0.4	0.2	0.2	0.1	0.2	0.1	0.4	0.7	0.3	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.67	14/67
1	Streptococcus pyogenes MGAS6180	0.67	0.2	0.3	0.3	0.3	0.4	0.1	0.2	0.6	0.11	0.14	0.4	0.2	0.2	0.1	0.2	0.1	0.4	0.7	0.3	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.67	14/67
2	Streptococcus pyogenes serotype M12	0.124	0.14	0.16	0.16	0.17	0.12	0.14	0.11	0.12	0.18	0.17	0.14	0.14	0.12	0.13	0.12	0.17	0.14	0.17	0.13	0.1	0.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88.124	26/124	
1	Streptococcus pyogenes MGAS9429	0.67	0.2	0.3	0.3	0.3	0.4	0.1	0.2	0.6	0.11	0.14	0.4	0.2	0.2	0.1	0.2	0.1	0.4	0.7	0.3	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.67	14/67
1	Streptococcus pyogenes MGAS2096	0.67	0.2	0.3	0.3	0.3	0.4	0.1	0.2	0.6	0.11	0.14	0.4	0.2	0.2	0.1	0.2	0.1	0.4	0.7	0.3	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.67	14/67
1	Streptococcus pyogenes serotype M2	0.67	0.2	0.3	0.3	0.3	0.4	0.1	0.2	0.6	0.11	0.14	0.4	0.2	0.2	0.1	0.2	0.1	0.4	0.7	0.3	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.67	14/67
1	Streptococcus pyogenes MGAS10270	0.67	0.2	0.3	0.3	0.3	0.4	0.1	0.2	0.6	0.11	0.14	0.4	0.2	0.2	0.1	0.2	0.1	0.4	0.7	0.3	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.67	14/67
1	Streptococcus pyogenes serotype M4	0.67	0.2	0.3	0.3	0.3	0.4	0.1	0.2	0.6	0.11	0.14	0.4	0.2	0.2	0.1	0.2	0.1	0.4	0.7	0.3	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.67	14/67
1	Streptococcus pyogenes MGAS10750	0.67	0.2	0.3	0.3	0.3	0.4	0.1	0.2	0.6	0.11	0.14	0.4	0.2	0.2	0.1	0.2	0.1	0.4	0.7	0.3	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.67	14/67
1	Streptococcus pyogenes serotype M53	0.67	0.2	0.3	0.3	0.3	0.4	0.1	0.2	0.6	0.11	0.14	0.4	0.2	0.2	0.1	0.2	0.1	0.4	0.7	0.3	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.67	14/67
1	Streptococcus pyogenes Alab49	0.67	0.2	0.3	0.3	0.3	0.4	0.1	0.2	0.6	0.11	0.14	0.4	0.2	0.2	0.1	0.2	0.1	0.4	0.7	0.3	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.67	14/67
1	Streptococcus pyogenes serotype M59	0.67	0.2	0.3	0.3	0.3	0.4	0.1	0.2	0.6	0.11	0.14	0.4	0.2	0.2	0.1	0.2	0.1	0.4	0.7	0.3	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.67	14/67
1	Streptococcus pyogenes BEI NR-33709	0.57	0.2	0.2	0.2	0.3	0.3	0.1	0.2	0.4	0.1	0.1	0.3	0.2	0.2	0.1	0.1	0.1	0.3	0.5	0.4	0.1	0.5	0.0									

1	Corynebacterium ulcerans sensu stricto	16.6%	0.0%	0.0%	0.0%	100.0%	100.0%	75.0%	100.0%	100.0%	0.0%	0.0%	50.0%	33.3%	100.0%	0.0%	0.0%	66.7%	0.0%	0.0%	0.0%	35.7%	0.0%	0.0%	0.0%	0.0%	36.5%	26.9%	17.3%	17.3%	1.9%		
1	Corynebacterium ulcerans BR-AD22	17.6%	0.1%	0.2%	0.1%	1.1%	3.8%	3.4%	1.1%	1.1%	0.3%	0.1%	2.4%	0.3%	1.1%	0.2%	0.1%	2.3%	0.1%	0.3%	0.5%	2.3%	0.1%	1.5%	0.0%	0.0%	0.0%	20.5%	14.5%	8.9%	8.5%	1.5%	
1	Corynebacterium ulcerans 102	17.6%	0.0%	0.0%	0.0%	1.0%	3.0%	75.0%	100.0%	100.0%	0.0%	0.0%	75.0%	50.0%	100.0%	0.0%	0.0%	66.7%	0.0%	0.0%	0.0%	28.7%	0.0%	0.0%	0.0%	0.0%	35.3%	27.9%	16.9%	14.9%	1.6%		
1	Arthrobacter sp. Y-11	18.8%	0.0%	0.0%	0.0%	100.0%	100.0%	25.0%	100.0%	25.0%	0.0%	0.0%	75.0%	66.7%	0.0%	0.0%	0.0%	0.3%	33.3%	100.0%	75.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	33.3%	24.8%	21.1%	14.0%	3.5%	
1	Corynebacterium terpenobactrum CIP 109927	22.6%	0.1%	0.2%	0.1%	1.1%	4.5%	1.4%	1.1%	1.4%	0.1%	3.4%	2.3%	0.1%	0.3%	0.1%	1.3%	1.1%	3.4%	0.5%	1.4%	1.1%	2.6%	0.0%	0.0%	0.0%	19.5%	14.5%	12.5%	8.5%	2.5%		
1	AJ 12310	21.9%	0.0%	0.0%	0.0%	100.0%	20.0%	50.0%	0.0%	0.0%	0.0%	25.0%	66.7%	0.0%	0.0%	0.0%	0.0%	33.3%	30.0%	0.0%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	48.2%	28.6%	17.9%	3.6%	1.8%		
1	Corynebacterium efficiens DSM 44549	22.0%	0.2%	0.2%	0.1%	1.1%	2.6%	2.6%	0.1%	0.1%	0.3%	0.1%	1.4%	2.3%	0.1%	0.3%	0.1%	3.3%	0.4%	1.3%	2.5%	0.4%	0.1%	0.0%	0.0%	0.0%	27.5%	16.5%	10.8%	2.8%	1.6%		
1	CCUG 35717	13.4%	1.8%	1.1%	0.1%	1.1%	7.8%	1.3%	1.1%	0.1%	0.3%	0.1%	2.4%	0.2%	0.1%	1.2%	0.1%	1.3%	0.1%	1.3%	1.4%	0.2%	0.1%	0.5%	0.0%	0.0%	17.4%	14.4%	7.4%	6.4%	1.4%		
1	Corynebacterium kroppenstedtii CCUG 35717	13.4%	1.8%	1.1%	0.1%	1.1%	7.8%	1.3%	1.1%	0.1%	0.3%	0.1%	2.4%	0.2%	0.1%	1.2%	0.1%	1.3%	0.1%	1.3%	1.4%	0.2%	0.1%	0.5%	0.0%	0.0%	17.4%	14.4%	7.4%	6.4%	1.4%		
1	CCUG 47449	23.5%	1.1%	1.2%	0.1%	1.1%	5.4%	2.4%	0.1%	1.4%	1.1%	3.4%	0.2%	0.1%	0.3%	0.1%	1.3%	0.4%	0.1%	1.3%	2.1%	0.3%	0.1%	1.6%	1.1%	0.0%	15.4%	13.4%	12.2%	10.4%	2.4%		
1	Corynebacterium aurimucosum ATCC 700975	23.5%	1.1%	1.2%	0.1%	1.1%	5.4%	2.4%	0.1%	1.4%	1.1%	3.4%	0.2%	0.1%	0.3%	0.1%	1.3%	0.4%	0.1%	1.3%	2.1%	0.3%	0.1%	1.6%	1.1%	0.0%	15.4%	13.4%	12.2%	10.4%	2.4%		
1	CTCC AA 001024	15.3%	1.1%	0.2%	0.1%	1.1%	2.5%	1.4%	1.1%	1.1%	0.4%	0.1%	2.4%	0.2%	0.1%	0.2%	0.1%	1.3%	0.1%	1.3%	1.5%	0.3%	0.1%	2.5%	1.1%	0.0%	18.3%	12.5%	8.5%	6.5%	3.3%		
1	Corynebacterium halotolerans DSM 44683	15.3%	1.1%	0.2%	0.1%	1.1%	2.5%	1.4%	1.1%	1.1%	0.4%	0.1%	2.4%	0.2%	0.1%	0.2%	0.1%	1.3%	0.1%	1.3%	1.5%	0.3%	0.1%	2.5%	1.1%	0.0%	18.3%	12.5%	8.5%	6.5%	3.3%		
1	CCUG 50093	24.5%	0.1%	1.2%	0.1%	1.1%	4.5%	5.4%	1.1%	1.1%	0.2%	0.1%	3.4%	0.2%	0.1%	0.2%	0.1%	2.3%	1.4%	2.3%	1.3%	1.1%	1.5%	0.0%	0.0%	13.0%	13.0%	15.0%	11.0%	5.0%			
1	Corynebacterium resistens DSM 45100	48.0%	0.0%	0.0%	0.0%	100.0%	80.0%	75.0%	100.0%	100.0%	0.0%	0.0%	75.0%	0.0%	0.0%	0.0%	0.0%	66.7%	100.0%	66.7%	30.0%	33.3%	10.0%	10.0%	0.0%	0.0%	28.0%	28.0%	26.0%	22.0%	9.0%		
58	Mycobacteriaceae	387	46.1%	54.6%	11.6%	6.7%	42.7	152	48.1	61	31.7	367	381	387	417	367	387	387	387	387	387	312.1%	6.62	35	12.12%	0.0%	0.0%	92.2%	283.1%	276.3%	285.1%	276.3%	151.4%
57	Mycobacterium	321	75.4%	88.5%	18.0%	9.2%	33.3%	45.6%	78.7%	78.7%	20.0%	47	45.6%	50.0%	60.0%	0.0%	0.0%	66.7%	70.0%	67.0%	71.2%	38.3%	4.61	27	10.0%	0.0%	0.0%	33.7%	24.3%	17.4%	13.9%	5.5%	
2	"Bacillus leprei" Hansen 1880	19.3%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	33.3%	28.9%	15.6%	8.9%	6.7%	
2	Mycobacterium leprei Br4923	11.4%	1.1%	0.1%	0.1%	0.1%	3.3%	0.3%	0.1%	0.1%	0.3%	0.1%	1.4%	0.2%	0.1%	0.2%	0.1%	3.3%	0.4%	1.3%	1.4%	0.2%	0.1%	0.5%	0.0%	0.0%	15.4%	14.5%	7.4%	4.5%	3.4%		
2	"Bacillus smegmatis" Trevisan 1889	44.7	1.0%	3.0%	0.3%	0.3%	4.9%	7.9%	0.3%	0.3%	1.9%	0.3%	5.1%	2.1%	1.3%	3.6%	3.6%	1.9%	0.3%	3.9%	1.2%	0.6%	0.3%	7.1%	2.2%	0.0%	0.0%	49.1%	36.0%	34.0%	24.0%	4.4%	
1	Mycobacterium smegmatis MC2 155	27.0%	0.2%	0.2%	0.2%	0.2%	6.8%	4.6%	0.2%	0.2%	0.6%	0.2%	4.8%	2.4%	0.2%	2.4%	2.4%	0.6%	0.2%	2.4%	0.8%	0.4%	0.2%	4.0%	2.0%	0.0%	38.4%	26.4%	14.4%	12.4%	4.4%		
1	Mycobacterium smegmatis JS623	27.0%	0.2%	0.2%	0.2%	0.2%	6.8%	4.6%	0.2%	0.2%	0.6%	0.2%	4.8%	2.4%	0.2%	2.4%	2.4%	0.6%	0.2%	2.4%	0.8%	0.4%	0.2%	4.0%	2.0%	0.0%	38.4%	26.4%	14.4%	12.4%	4.4%		
1	"Mycobacterium balnei" Linell and Norden 1952	19.4%	1.1%	0.1%	0.1%	0.1%	2.3%	2.3%	1.1%	1.1%	0.3%	0.1%	2.4%	0.2%	0.1%	1.1%	0.3%	0.1%	1.3%	0.4%	0.2%	0.1%	1.5%	1.1%	0.0%	0.0%	28.3%	21.5%	7.1%	17.4%	6.5%		
1	Mycobacterium marinum M	41.3%	1.0%	1.0%	1.0%	1.0%	66.7%	66.7%	100.0%	100.0%	0.0%	0.0%	50.0%	10.0%	10.0%	0.0%	0.0%	33.3%	75.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	28.3%	21.5%	7.1%	17.4%	6.5%		
1	"Mycobacterium chubuense" Tsukamura 1973	15.6%	0.1%	0.1%	0.1%	0.1%	2.3%	2.3%	0.1%	0.1%	0.3%	0.1%	1.4%	0.2%	0.1%	1.1%	0.3%	0.1%	1.3%	0.4%	0.2%	0.1%	1.5%	1.1%	0.0%	0.0%	28.3%	21.5%	7.1%	17.4%	6.5%		
1	Mycobacterium tuberculosis NB84	33.6%	0.2%	0.2%	0.2%	0.2%	6.8%	4.6%	0.2%	0.2%	0.6%	0.2%	4.8%	2.4%	0.2%	2.4%	2.4%	0.6%	0.2%	2.4%	0.8%	0.4%	0.2%	4.0%	2.0%	0.0%	38.4%	26.4%	14.4%	12.4%	4.4%		
2	ATCC 43909	33.6%	0.2%	0.2%	0.2%	0.2%	6.8%	4.6%	0.2%	0.2%	0.6%	0.2%	4.8%	2.4%	0.2%	2.4%	2.4%	0.6%	0.2%	2.4%	0.8%	0.4%	0.2%	4.0%	2.0%	0.0%	38.4%	26.4%	14.4%	12.4%	4.4%		
1	Mycobacterium gilvum Spyr1	17.4%	0.1%	1.1%	0.1%	0.1%	2.3%	2.3%	0.1%	0.1%	0.3%	0.1%	1.4%	0.2%	0.1%	1.1%	0.3%	0.1%	1.3%	0.4%	0.2%	0.1%	1.5%	1.1%	0.0%	0.0%	28.3%	21.5%	7.1%	17.4%	6.5%		
1	Mycobacterium flavescens ATCC 700033	18.4%	0.1%	1.1%	0.1%	0.1%	2.3%	2.3%	0.1%	0.1%	0.3%	0.1%	1.4%	0.2%	0.1%	1.1%	0.3%	0.1%	1.3%	0.4%	0.2%	0.1%	1.5%	1.1%	0.0%	0.0%	28.3%	21.5%	7.1%	17.4%	6.5%		
1	ATCC 19423	19.4%	1.1%	0.1%	0.1%	0.1%	2.3%	2.3%	0.1%	0.1%	0.3%	0.1%	1.4%	0.2%	0.1%	1.1%	0.3%	0.1%	1.3%	0.4%	0.2%	0.1%	1.5%	1.1%	0.0%	0.0%	28.3%	21.5%	7.1%	17.4%	6.5%		
1	Mycobacterium ulcerans Ag99	42.2%	1.0%	1.0%	1.0%	1.0%	66.7%	66.7%	100.0%	100.0%	0.0%	0.0%	50.0%	10.0%	10.0%	0.0%	0.0%	33.3%	75.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	28.3%	21.5%	7.1%	17.4%	6.5%		
1	"Mycobacterium rhodesiae" Tsukamura et al. 1971	16.6%	0.1%	0.1%	0.1%	0.1%	3.3%	3.3%	0.1%	0.1%	0.3%	0.1%	1.4%	0.2%	0.1%	1.1%	0.3%	0.1%	1.3%	0.4%	0.2%	0.1%	1.5%	1.1%	0.0%	0.0%	38.4%	26.4%	14.4%	12.4%	4.4%		
1	Mycobacterium rhodesiae NBB3	31.3%	31.3%	31.3%	31.3%	31.3%	31.3%	31.3%	31.3%	31.3%	31.3%	31.3%	31.3%	31.3%	31.3%	31.3%	31.3%	31.3%	31.3%	31.3%	31.3%	31.3%	31.3%	31.3%	31.3%	31.3%	31.3%	31.3%	31.3%	31.3%	31.3%		
29	Mycobacterium complex	187	7.7%	10.7%	10.7%	0.0%	0.0%	32.0%	100.0%	100.0%	0.0%	0.0%	50.4%	18.8%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	37.5%	22.3%	15.5%	13.2%	6.9%		
1	"Mycobacterium tuberculosis typos bohavum" Lehmann and Neumann 1907	7.7%	7.7%	10.7%	10.7%	0.0%	0.0%	32.0%	100.0%	100.0%	0.0%	0.0%	50.4%	18.8%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	37.5%	22.3%	15.5%	13.2%	6.9%		
6	BCG	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%		
6	Mycobacterium bovis BCG Pasteur 1173P2	13.4%	1.1%	1.1%	1.1%	1.1%	3.3%	3.3%	1.1%	1.1%	0.3%	0.1%	2.4%	0.2%	0.1%	1.1%	0.3%	0.1%	1.3%	0.4%	0.2%	0.1%	1.5%	1.1%	0.0%	0.0%	28.3%	21.5%	7.1%	17.4%	6.5%		
1	Mycobacterium bovis BCG Moreau RDJ	13.4%	1.1%	1.1%	1.1%	1.1%	3.3%	3.3%	1.1%	1.1%	0.3%	0.1%	2.4%	0.2%	0.1%	1.1%	0.3%	0.1%	1.3%	0.4%	0.2%	0.1%	1.5%	1.1%	0.0%	0.0%	28.3%	21.5%	7.1%	17.4%	6.5%		
1	Mycobacterium bovis BCG Tokyo 172	13.4%	1.1%	1.1%	1.1%	1.1%	3.3%	3.3%	1.1%	1.1%	0.3%	0.1%	2.4%	0.2%	0.1%	1.1%	0.3%	0.1%	1.3%	0.4%	0.2%	0.1%	1.5%	1.1%	0.0%	0.0%	28.3%	21.5%	7.1%	17.4%	6.5%		
1	Mycobacterium bovis BCG Mexico	13.4%	1.1%	1.1%	1.1%	1.1%	3.3%	3.3%	1.1%	1.1%	0.3%	0.1%	2.4%	0.2%	0.1%	1.1%	0.3%	0.1%	1.3%	0.4%	0.2%	0.1%	1.5%	1.1%	0.0%	0.0%	28.3%	21.5%	7.1%	17.4%	6.5%		
1	Mycobacterium bovis BCG str. Korea 1168P	13.4%	1.1%	1.1%	1.1%	1.1%	3.3%	3.3%	1.1%	1.1%	0.3%	0.1%	2.4%	0.2%	0.1%	1.1%	0.3%	0.1%	1.3%	0.4%	0.2%	0.1%	1.5%	1.1%	0.0%	0.0%	28.3%	21.5%	7.1%	17.4%	6.5%		
1	Mycobacterium bovis AF2122/97	13.4%	1.1%	1.1%	1.1%	1.1%	3.3%	3.3%	1.1%	1.1%	0.3%	0.1%	2.4%	0.2%	0.1%	1.1%	0.3%	0.1%	1.3%	0.4%	0.2%	0.1%	1.5%	1.1%	0.0%	0.0%	28.3%	21.5%	7.1%	17.4%	6.5%		
22	"Bacillus tuberculosis" (Zopf 1883) Klein 1884	22.2%	22.2%	22.2%	22.2%	0.6%	21.6%	22.2%	22.2%	22.2%	22.2%	0.6%	22.2%	22.2%	0.4%	22.2%	22.2%	0.4%	22.2%	0.8%	0.4%	22.2%	11.0%	0.0%	0.0%	0.0%	0.0%	37.5%	22.3%	15.5%	13.2%	6.9%	
1	Mycobacterium tuberculosis CDC1551	28.9%	2.2%	2.2%	0.2%	0.2%	6.8%	4.6%	0.2%	0.2%	0.6%	0.2%	4.8%	2.4%	0.2%	2.4%	2.4%	0.6%	0.2%	2.4%	0.8%	0.4%	0.2%	4.0%	2.0%	0.0%	38.4%	26.4%	14.4%	12.4%	4.4%		
1	Mycobacterium sp. H37Rv	28.9%	2.2%	2.2%	0.2%	0.2%	6.8%	4.6%</																									

1	<i>Mycobacterium indicus pranii</i> Ahmed et al. 2007	17/45	1/1	1/1	0/1	0/1	0/1	0/1	0/1	1/3	2/3	1/1	1/1	0/1	0/1	2/4	1/2	1/1	0/2	1/1	2/3	0/1	2/3	0/4	0/2	0/1	1/5	0/0	0/0	0/0	0/0	13/45	11/45	10/45	7/45	2/45	2/45
1	<i>Mycobacterium indicus pranii</i> MTCC 9506	17/45	1/1	1/1	0/1	0/1	1/3	2/3	1/1	1/1	0/1	0/1	2/4	1/2	1/1	0/2	1/1	0/3	0/1	1/1	2/3	0/1	2/3	0/4	0/2	0/1	1/5	0/0	0/0	0/0	0/0	13/45	11/45	10/45	7/45	2/45	2/45
1	<i>Mycobacterium yongonense</i>	18/45	1/1	1/1	0/1	0/1	1/3	1/3	1/1	1/1	0/1	0/1	2/4	1/2	1/1	0/2	1/1	0/3	0/1	1/1	2/3	0/1	2/3	0/4	0/2	0/1	1/5	0/0	0/0	0/0	0/0	13/45	11/45	10/45	7/45	2/45	2/45
1	<i>Mycobacterium</i> sp. 05-1390	18/45	1/1	1/1	0/1	0/1	1/3	1/3	1/1	1/1	0/1	0/1	2/4	1/2	1/1	0/2	1/1	0/3	0/1	1/1	2/3	0/1	2/3	0/4	0/2	0/1	1/5	0/0	0/0	0/0	0/0	13/45	11/45	10/45	7/45	2/45	2/45
1	<i>Mycobacterium</i> sp. M5	15/47	1/1	1/1	0/1	0/1	1/3	2/3	0/1	0/1	0/1	0/1	1/3	1/2	1/1	0/2	0/2	0/3	0/1	1/3	1/4	1/2	0/1	1/5	1/1	0/0	0/0	0/0	0/0	0/0	14/47	13/47	12/47	3/47	3/47	2/47	
1	<i>Mycobacterium</i> sp. KMS	15/47	1/1	1/1	0/1	0/1	1/3	2/3	0/1	0/1	0/1	0/1	1/3	1/2	1/1	0/2	0/2	0/3	0/1	1/3	1/4	1/2	0/1	1/5	1/1	0/0	0/0	0/0	0/0	14/47	13/47	12/47	3/47	3/47	2/47		
1	<i>Mycobacterium liflandii</i> Trott et al. 2004	21/47	1/1	1/1	0/1	0/1	2/3	2/3	1/1	1/1	0/1	0/1	2/4	0/1	0/1	0/2	1/1	2/3	0/1	3/4	3/4	0/2	0/1	1/5	1/1	0/0	0/0	0/0	0/0	14/47	12/47	12/47	7/47	2/47	2/47		
1	<i>Mycobacterium liflandii</i> 128FXT	147	1/1	1/1	0/1	0/1	2/3	2/3	1/1	1/1	0/1	0/1	2/4	0/1	0/1	0/2	1/1	2/3	0/1	3/4	3/4	0/2	0/1	1/5	1/1	0/0	0/0	0/0	0/0	14/47	12/47	12/47	7/47	2/47	2/47		
3	<i>Mycobacterium chelonae</i> group	137	3/3	3/3	0/0	0/0	6/9	6/9	3/3	3/3	6/9	6/9	5/12	6/12	2/2	2/2	3/6	2/9	3/3	5/9	1/2	2/5	3/3	3/15	0/0	0/0	0/0	0/0	0/0	10/137	37/137	35/137	14/137	5/137	3/137		
3	<i>Mycobacterium abscessus</i> subgroup "Mycobacterium abscessus" Moore and French 1953	137	3/3	3/3	0/0	0/0	6/9	6/9	3/3	3/3	6/9	6/9	5/12	6/12	2/2	2/2	3/6	2/9	3/3	5/9	1/2	2/5	3/3	3/15	0/0	0/0	0/0	0/0	0/0	10/137	37/137	35/137	14/137	5/137	3/137		
2	<i>Mycobacterium abscessus</i> subsp. massiliensis "Leo et al. 2009	39/61	0/2	2/2	0/0	0/0	4/6	4/6	2/2	2/2	4/6	4/6	3/18	4/18	1/4	1/4	0/4	0/4	2/4	1/6	2/2	3/8	0/8	1/3	0/2	2/10	0/0	0/0	0/0	29/61	25/61	24/61	10/61	1/61	1/61		
1	<i>Mycobacterium abscessus</i> subsp. boletii GO 06	19/45	0/1	1/1	0/1	0/1	2/3	2/3	1/1	0/1	2/3	0/1	2/4	2/3	0/0	0/0	1/2	0/3	1/4	2/3	0/4	0/1	1/5	0/0	0/0	0/0	0/0	0/0	0/0	15/45	13/45	12/45	4/45	1/45	1/45		
1	<i>Mycobacterium abscessus</i> subsp. boletii 5094A	20/46	0/1	1/1	0/1	0/1	2/3	2/3	1/1	0/1	2/3	0/1	2/4	2/3	0/0	0/0	1/2	0/3	1/4	2/3	0/4	0/1	1/5	0/0	0/0	0/0	0/0	0/0	0/0	14/46	12/46	12/46	4/46	1/46	1/46		
1	<i>Mycobacterium</i> sp. 506	18/45	1/1	1/1	0/1	0/1	1/3	1/3	1/1	1/1	0/1	0/1	2/4	1/2	1/1	0/2	1/1	0/3	0/1	1/3	1/4	1/2	0/1	1/5	0/0	0/0	0/0	0/0	0/0	13/45	10/45	10/45	8/45	2/45	2/45		
1	<i>Mycobacterium</i> sp. MOT36Y	18/45	1/1	1/1	0/1	0/1	1/3	1/3	1/1	1/1	0/1	0/1	2/4	1/2	1/1	0/2	1/1	0/3	0/1	1/3	1/4	1/2	0/1	1/5	0/0	0/0	0/0	0/0	0/0	13/45	10/45	10/45	8/45	2/45	2/45		
1	<i>Amycolicoccus</i>	7/45	0/1	0/1	0/1	0/1	0/3	0/3	0/1	0/1	0/3	0/1	2/4	1/2	0/1	0/2	0/1	0/3	0/1	0/3	0/4	0/2	0/1	2/5	0/0	0/0	0/0	0/0	0/0	18/45	14/45	14/45	4/45	3/45	2/45		
1	<i>Amycolicoccus subflavus</i>	15/49	0/1	0/1	0/1	0/1	0/3	0/3	0/0	0/0	0/3	0/0	2/5	0/5	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	4/0	0/0	0/0	0/0	0/0	0/0	40/0	31/0	31/0	8/0	8/0	4/0		
1	<i>Amycolicoccus subflavus</i> DQ53-9A1	16/49	0/1	0/1	0/1	0/1	0/3	0/3	0/0	0/0	0/3	0/0	2/5	0/5	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	4/0	0/0	0/0	0/0	0/0	0/0	0/0	40/0	31/0	31/0	8/0	8/0	4/0		
7	<i>Noctariaceae</i>	107	3/3	3/3	0/0	0/0	12/9	12/9	3/3	3/3	12/9	12/9	8/21	8/21	3/6	3/6	2/6	2/6	2/6	3/6	2/6	2/6	2/6	2/6	2/6	0/0	0/0	0/0	0/0	103/353	96/353	51/353	32/353	15/353	13/353		
3	<i>Micropolyspora</i>	12/18	0/6	0/3	0/3	0/3	4/12	3/9	1/3	1/3	4/4	4/4	9/12	3/6	0/3	0/3	3/3	5/10	2/3	2/3	3/3	0/6	3/3	0/3	0/0	0/0	0/0	0/0	0/1	19/152	19/152	19/152	13/152	8/152	8/152		
1	<i>Actinomyces brasiliensis</i> (Lindenberg 1909) Gomes 1923	14/51	0/2	0/1	0/1	0/1	1/4	1/3	0/1	0/2	0/3	0/1	3/4	1/2	0/1	0/2	1/2	2/3	1/1	1/3	2/4	0/2	0/1	1/6	0/0	0/0	0/0	0/0	18/51	13/51	8/51	6/51	4/51	4/51			
1	<i>Noctaria brasiliensis</i> ATCC 700358	14/51	0/2	0/1	0/1	0/1	1/4	1/3	0/1	0/2	0/3	0/1	3/4	1/2	0/1	0/2	1/2	2/3	1/1	1/3	2/4	0/2	0/1	1/6	0/0	0/0	0/0	0/0	18/51	13/51	8/51	6/51	4/51	4/51			
1	<i>Actinomyces bovis</i> farcinicus Gasperi 1894	14/52	0/2	0/1	0/1	0/1	1/4	1/3	0/1	0/1	2/3	0/2	3/4	1/2	0/1	0/3	0/2	1/4	0/1	1/3	0/4	0/2	0/1	1/6	0/0	0/0	0/0	0/0	18/52	16/52	9/52	5/52	4/52	2/52			
1	<i>Noctardia farcinica</i> IFM 10152	14/52	0/2	0/1	0/1	0/1	1/4	1/3	0/1	0/1	2/3	0/2	3/4	1/2	0/1	0/3	0/2	1/4	0/1	1/3	0/4	0/2	0/1	1/6	0/0	0/0	0/0	0/0	18/52	16/52	9/52	5/52	4/52	2/52			
1	<i>CCUC</i> 48295	15/49	0/2	0/1	0/1	0/1	1/4	1/3	0/1	0/1	2/3	0/2	3/4	1/2	0/1	0/3	0/2	1/4	0/1	1/3	0/4	0/2	0/1	1/6	0/0	0/0	0/0	0/0	18/49	16/49	9/49	5/49	4/49	2/49			
1	<i>Noctaria cypriotegeica</i> GUH-2	15/49	0/2	0/1	0/1	0/1	1/4	1/3	0/1	0/1	2/3	0/2	3/4	1/2	0/1	0/3	0/2	1/4	0/1	1/3	0/4	0/2	0/1	1/6	0/0	0/0	0/0	0/0	18/49	16/49	9/49	5/49	4/49	2/49			
1	<i>Rhodococcus</i>	5/11	5/5	0/5	0/4	0/4	8/16	6/16	2/4	2/4	2/4	2/4	18/18	18/18	0/4	0/8	6/12	4/4	2/12	1/12	1/12	1/12	1/12	1/12	0/0	0/0	0/0	0/0	57/201	54/201	32/201	19/201	11/201	7/201			
1	<i>Mycobacterium erythropolis</i> Gray and Thornton 1928	15/52	0/2	0/1	0/1	0/1	1/4	1/4	0/1	0/1	1/3	0/1	1/4	0/3	0/1	0/1	0/2	0/3	0/3	0/3	0/3	0/4	0/2	0/1	1/6	0/0	0/0	0/0	17/152	15/152	8/152	7/152	3/152	2/152			
1	<i>Rhodococcus erythropolis</i> (strain PR4)	15/52	0/2	0/1	0/1	0/1	1/4	1/4	0/1	0/1	1/3	0/1	1/4	0/3	0/1	0/1	0/2	0/3	0/3	0/3	0/3	0/4	0/2	0/1	1/6	0/0	0/0	0/0	17/152	15/152	8/152	7/152	3/152	2/152			
1	<i>Noctaria opaca</i> Aggag and Schlegel 1973	16/52	0/2	0/1	0/1	0/1	1/4	1/4	0/1	0/1	1/3	0/1	1/4	0/3	0/1	0/1	0/2	0/3	0/3	0/3	0/3	0/4	0/2	0/1	1/6	0/0	0/0	0/0	14/148	11/148	9/148	7/148	5/148	3/148			
1	<i>Mycobacterium opacus</i> B4	16/49	2/2	0/1	0/1	0/1	2/4	1/4	1/1	0/1	0/3	0/1	3/4	1/2	0/1	0/1	0/2	0/3	0/3	0/3	0/3	0/4	0/2	0/1	1/5	0/0	0/0	0/0	14/49	11/49	9/49	7/49	5/49	3/49			
1	<i>Bacillus hoagii</i> Morse 1912	15/51	0/2	0/1	0/1	0/1	2/4	2/4	0/0	0/0	0/0	0/0	3/5	0/5	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	28/62	22/48	18/48	14/36	10/26	6/16			
1	<i>Rhodococcus equi</i> 103S	15/51	0/2	0/1	0/1	0/1	2/4	2/4	0/0	0/0	0/0	0/0	3/5	0/5	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	28/62	22/48	18/48	14/36	10/26	6/16			
1	<i>Rhodococcus jostii</i> RHA1	18/49	2/2	0/1	0/1	0/1	2/4	1/4	1/1	0/1	1/3	0/1	4/4	2/2	1/1	0/2	0/2	2/3	1/1	1/3	2/4	0/2	0/1	2/5	0/0	0/0	0/0	0/0	14/49	13/49	9/49	9/49	4/49	4/49			
3	<i>Gordoniaceae</i>	101	3/3	2/3	0/3	1/3	3/10	6/10	0/3	0/3	3/9	0/3	7/12	2/6	1/3	1/6	4/4	1/9	0/3	3/9	3/12	0/6	1/3	9/15	1/2	0/0	0/0	0/0	32/140	30/140	25/140	25/140	18/140	10/140			
3	<i>Gordonia</i> (sic) "Tsukamura et al. 1970 (Gordonia) (sic) bronchialis" Tsukamura et al. 1971	13/46	1/0	2/3	0/3	1/3	3/10	6/10	0/3	0/3	3/9	0/3	7/12	2/6	1/3	1/6	4/4	1/9	0/3	3/9	3/12	0/6	1/3	9/15	1/2	0/0	0/0	0/0	32/140	30/140	25/140	25/140	18/140	10/140			
1	<i>Gordonia bronchialis</i> ATCC 25592	13/46	1/0	2/3	0/3	1/3	3/10	6/10	0/3	0/3	3/9	0/3	7/12	2/6	1/3	1/6	4/4	1/9	0/3	3/9	3/12	0/6	1/3	9/15	1/2	0/0	0/0	0/0	32/140	30/140	25/140	25/140	18/140	10/140			
1	<i>ATCC</i> BAA-14	18/49	1/1	1/1	0/1	0/1	1/4	1/4	0/1	0/1	1/3	0/1	1/4	0/3	0/1	0/1	0/2	0/3	0/3	0/3	0/3	0/4	0/2	0/1	1/6	0/0	0/0	0/0	10/49	10/49	9/49	9/49	4/49	4/49			
1	<i>Gordonia pilosularum</i> V2	18/49	1/1	1/1	0/1	0/1	1/4	1/4	0/1	0/1	1/3	0/1	1/4	0/3	0/1	0/1	0/2	0/3	0/3	0/3	0/3	0/4	0/2	0/1	1/6	0/0	0/0	0/0	10/49	10/49	9/49	9/49	4/49				

2	ATCC 51383	0/66	0/2	0/2	0/2	0/2	0/4	0/2	0/2	0/2	0/2	0/2	0/2	0/6	0/4	0/4	0/2	0/2	0/2	0/2	0/2	0/2	0/4	0/6	0/1	0/2	0/8	0/0	0/0	0/1	0/0	40/66	24/66	2/66			
1	Borrelia garinii BgVr	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	60.6%	36.4%	3.0%			
1	Borrelia garinii NMJW1	0/33	0/1	0/1	0/1	0/1	0/2	0/1	0/1	0/1	0/1	0/1	0/1	0/3	0/2	0/2	0/1	0/1	0/1	0/1	0/2	0/3	0/0	0/1	0/4	0/0	0/0	0/1	0/0	20/33	12/33	1/33					
1	"Borrelia bisetii" Postic et al. 1998	0/33	0/1	0/1	0/1	0/1	0/2	0/1	0/1	0/1	0/1	0/1	0/1	0/3	0/2	0/2	0/1	0/1	0/1	0/1	0/2	0/3	0/1	0/1	0/4	0/0	0/0	0/1	0/0	20/33	12/33	1/33					
1	Borrelia bisetii DN127	0/33	0/1	0/1	0/1	0/1	0/2	0/1	0/1	0/1	0/1	0/1	0/1	0/3	0/2	0/2	0/1	0/1	0/1	0/1	0/2	0/3	0/1	0/1	0/4	0/0	0/0	0/1	0/0	20/33	12/33	1/33					
1	"Borrelia baviariensis" Margos et al. 2009	0/33	0/1	0/1	0/1	0/1	0/2	0/1	0/1	0/1	0/1	0/1	0/1	0/3	0/2	0/2	0/1	0/1	0/1	0/1	0/2	0/3	0/1	0/1	0/4	0/0	0/0	0/1	0/0	21/33	11/33	1/33					
1	Borrelia baviariensis PBI	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	63.6%	33.3%	3.0%				
4	"Ehrenbergia" Gierschkievics 1939	0/185	0/5	0/5	0/4	0/5	0/12	0/11	0/4	0/4	0/12	0/4	0/6	0/18	0/14	0/12	0/4	0/18	0/14	0/12	0/20	0/17	0/14	0/20	0/10	0/0	0/0	0/0	0/0	50/185	73/185	13/185	3/185	2/185	1/185		
2	ATCC 700085	0/182	0/2	0/2	0/2	0/2	0/16	0/2	0/2	0/16	0/2	0/8	0/2	0/14	0/2	0/16	0/2	0/8	0/10	0/4	0/2	0/10	0/0	0/0	0/0	0/0	0/0	0/0	0/0	44/182	31/182	12/182	2/182	2/182	1/182		
1	Spirochaeta thermophila DSM 6192	0/44	0/1	0/1	0/1	0/1	0/7	0/3	0/1	0/1	0/3	0/1	0/4	0/2	0/1	0/2	0/1	0/3	0/1	0/3	0/5	0/2	0/1	0/5	0/0	0/0	0/0	0/0	0/0	22/44	16/44	1/44	1/44	1/44	1/44		
1	Treponema thomasi DSM 6578	0/44	0/1	0/1	0/1	0/2	0/3	0/2	0/1	0/1	0/3	0/1	0/4	0/2	0/1	0/2	0/1	0/3	0/1	0/3	0/5	0/1	0/5	0/0	0/0	0/0	0/0	0/0	0/0	47/44	34/44	13/44	2/44	2/44	2/44		
1	ATCC 700263	0/44	0/1	0/1	0/1	0/2	0/3	0/2	0/1	0/1	0/3	0/1	0/4	0/2	0/1	0/2	0/1	0/3	0/1	0/3	0/5	0/1	0/5	0/0	0/0	0/0	0/0	0/0	0/0	23/44	21/44	1/44	1/44	1/44	1/44		
1	Spirochaeta africana DSM 8902	0/44	0/2	0/2	0/2	0/1	0/3	0/1	0/1	0/3	0/1	0/4	0/2	0/1	0/2	0/1	0/3	0/1	0/3	0/5	0/1	0/5	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	28/44	19/44	1/44	1/44	1/44	1/44	
1	DSM 11293	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	63.6%	33.3%	3.0%				
1	Spirochaeta smaragdina DSM 11293	0/44	0/2	0/2	0/2	0/1	0/3	0/1	0/1	0/3	0/1	0/4	0/2	0/1	0/2	0/1	0/3	0/1	0/3	0/5	0/2	0/1	0/5	0/0	0/0	0/0	0/0	0/0	0/0	0/0	28/44	19/44	1/44	1/44	1/44	1/44	
16	"Microspironema" Stiles and Pfender 1945	1/82	0/18	0/18	0/20	1/43	0/33	0/18	0/18	0/18	0/18	0/17	0/38	0/18	0/38	0/18	0/25	0/18	0/18	0/18	0/18	0/18	0/18	0/18	0/0	0/0	0/0	0/0	0/0	45/82	32/82	3/82	1/82	1/82	1/82		
16	"Spirillum dentum" (Miller 1889) Sternberg 1892	0/43	0/1	0/1	0/1	0/1	0/2	0/2	0/1	0/1	0/3	0/1	0/4	0/2	0/1	0/2	0/1	0/3	0/1	0/3	0/4	0/2	0/1	0/5	0/0	0/0	0/0	0/0	0/0	0/0	28/43	15/43	1/43	1/43	1/43	1/43	
1	Treponema denticola ATCC 35405	0/43	0/1	0/1	0/1	0/1	0/2	0/1	0/1	0/3	0/1	0/4	0/2	0/1	0/2	0/1	0/3	0/1	0/3	0/4	0/2	0/1	0/5	0/0	0/0	0/0	0/0	0/0	0/0	0/0	28/43	15/43	1/43	1/43	1/43	1/43	
9	"Microspironema pallidum" (Schaudinn and Hoffman 1905) Stiles and Pfender 1905	1/11	0/5	0/11	0/11	0/11	0/22	0/33	0/11	0/11	0/33	0/11	0/44	0/22	0/11	0/22	0/11	0/33	0/11	0/33	0/55	0/22	0/11	0/55	0/0	0/0	0/0	0/0	0/0	279/495	205/495	11/495	1/495	1/495	1/495		
5	"Treponema pallidum subsp. pallidum" (Schaudinn and Hoffman 1905) Schaudinn 1905	7/135	0/7	0/7	0/7	0/14	0/21	0/7	0/21	0/7	0/21	0/7	0/28	0/14	0/7	0/21	0/7	0/21	0/7	0/21	0/35	0/14	0/7	0/35	0/0	0/0	0/0	0/0	0/0	179/135	133/135	7/135	1/135	1/135	1/135		
1	Treponema pallidum Nichols	2/80	0/2	0/2	0/2	0/2	0/6	0/2	0/6	0/2	0/6	0/2	0/8	0/4	0/2	0/4	0/2	0/6	0/2	0/8	0/10	0/4	0/2	0/10	0/0	0/0	0/0	0/0	0/0	45/80	43/80	2/80	2/80	2/80	2/80		
1	Treponema pallidum subsp. pallidum SS14	2/80	0/2	0/2	0/2	0/2	0/6	0/2	0/6	0/2	0/6	0/2	0/8	0/4	0/2	0/4	0/2	0/6	0/2	0/8	0/10	0/4	0/2	0/10	0/0	0/0	0/0	0/0	0/0	45/80	43/80	2/80	2/80	2/80	2/80		
1	Treponema pallidum subsp. pallidum DAL-1	1/45	0/1	0/1	0/1	0/1	0/2	0/3	0/1	0/1	0/3	0/1	0/4	0/2	0/1	0/2	0/1	0/3	0/1	0/3	0/5	0/2	0/1	0/5	0/0	0/0	0/0	0/0	0/0	28/45	18/45	1/45	1/45	1/45	1/45		
1	Treponema pallidum subsp. pallidum str. Chicago	1/45	0/1	0/1	0/1	0/1	0/2	0/3	0/1	0/1	0/3	0/1	0/4	0/2	0/1	0/2	0/1	0/3	0/1	0/3	0/5	0/2	0/1	0/5	0/0	0/0	0/0	0/0	0/0	28/45	18/45	1/45	1/45	1/45	1/45		
1	Treponema pallidum subsp. pallidum Mexico A	1/45	0/1	0/1	0/1	0/1	0/2	0/3	0/1	0/1	0/3	0/1	0/4	0/2	0/1	0/2	0/1	0/3	0/1	0/3	0/5	0/2	0/1	0/5	0/0	0/0	0/0	0/0	0/0	0/0	28/45	18/45	1/45	1/45	1/45	1/45	
3	"Treponema pallidum subsp. pertenue" Smbert 1984	0/135	0/3	0/3	0/3	0/3	0/6	0/9	0/3	0/3	0/9	0/3	0/12	0/6	0/3	0/6	0/3	0/9	0/3	0/9	0/15	0/6	0/3	0/15	0/0	0/0	0/0	0/0	0/0	78/135	54/135	3/135	1/135	1/135	1/135		
1	Treponema pallidum subsp. pertenue Samad	1/45	0/1	0/1	0/1	0/1	0/2	0/3	0/1	0/1	0/3	0/1	0/4	0/2	0/1	0/2	0/1	0/3	0/1	0/3	0/5	0/2	0/1	0/5	0/0	0/0	0/0	0/0	0/0	28/45	18/45	1/45	1/45	1/45	1/45		
1	Treponema pallidum subsp. pertenue CDC2	1/45	0/1	0/1	0/1	0/1	0/2	0/3	0/1	0/1	0/3	0/1	0/4	0/2	0/1	0/2	0/1	0/3	0/1	0/3	0/5	0/2	0/1	0/5	0/0	0/0	0/0	0/0	0/0	28/45	18/45	1/45	1/45	1/45	1/45		
1	Treponema pallidum subsp. pertenue Gauthier	1/45	0/1	0/1	0/1	0/1	0/2	0/3	0/1	0/1	0/3	0/1	0/4	0/2	0/1	0/2	0/1	0/3	0/1	0/3	0/5	0/2	0/1	0/5	0/0	0/0	0/0	0/0	0/0	28/45	18/45	1/45	1/45	1/45	1/45		
1	Treponema pallidum str. Fribourg-Blanc	1/45	0/1	0/1	0/1	0/1	0/2	0/3	0/1	0/1	0/3	0/1	0/4	0/2	0/1	0/2	0/1	0/3	0/1	0/3	0/5	0/2	0/1	0/5	0/0	0/0	0/0	0/0	0/0	28/45	18/45	1/45	1/45	1/45	1/45		
1	ATCC 33096	0/45	0/1	0/1	0/1	0/2	0/3	0/1	0/1	0/4	0/1	0/3	0/2	0/1	0/2	0/1	0/3	0/1	0/3	0/5	0/2	0/1	0/5	0/0	0/0	0/0	0/0	0/0	0/0	0/0	28/45	18/45	1/45	1/45	1/45	1/45	
1	Treponema suisfaciens 6091	0/45	0/1	0/1	0/1	0/2	0/3	0/1	0/1	0/4	0/1	0/3	0/2	0/1	0/2	0/1	0/3	0/1	0/3	0/5	0/2	0/1	0/5	0/0	0/0	0/0	0/0	0/0	0/0	0/0	28/45	18/45	1/45	1/45	1/45	1/45	
1	"Spirochaeta cuniculi" Levaditi, Marie and Isacu 1921	0/45	0/1	0/1	0/1	0/1	0/2	0/3	0/1	0/1	0/3	0/1	0/4	0/2	0/1	0/2	0/1	0/3	0/1	0/3	0/5	0/2	0/1	0/5	0/0	0/0	0/0	0/0	0/0	0/0	28/45	18/45	1/45	1/45	1/45	1/45	
1	Treponema parviloculiculi Cuniculi A	0/45	0/1	0/1	0/1	0/1	0/2	0/3	0/1	0/1	0/3	0/1	0/4	0/2	0/1	0/2	0/1	0/3	0/1	0/3	0/5	0/2	0/1	0/5	0/0	0/0	0/0	0/0	0/0	0/0	28/45	18/45	1/45	1/45	1/45	1/45	
1	CIP 105900	0/47	0/1	0/1	0/1	0/2	0/3	0/1	0/1	0/4	0/1	0/4	0/2	0/1	0/2	0/1	0/3	0/1	0/3	0/5	0/2	0/1	0/5	0/0	0/0	0/0	0/0	0/0	0/0	28/47	17/47	1/47	1/47	1/47	1/47		
1	Treponema brennaborense DSM 12168	0/47	0/1	0/1	0/1	0/2	0/3	0/1	0/1	0/4	0/1	0/4	0/2	0/1	0/2	0/1	0/3	0/1	0/3	0/5	0/2	0/1	0/5	0/0	0/0	0/0	0/0	0/0	0/0	0/0	28/47	17/47	1/47	1/47	1/47	1/47	
1	ATCC BAA-887	0/50	0/1	0/1	0/1	0/2	0/4	0/3	0/1	0/1	0/3	0/1	0/4	0/2	0/1	0/2	0/1	0/3	0/1	0/3	0/5	0/2	0/1	0/6	0/0	0/0	0/0	0/0	0/0	0/0	30/50	19/50	1/50	1/50	1/50	1/50	
1	Treponema primitia ZAS-2	0/48	0/1	0/1	0/1	0/1	0/2	0/3	0/1	0/1	0/4	0/1	0/4	0/2	0/1	0/2	0/1	0/3	0/1	0/3	0/5	0/2	0/1	0/6	0/0	0/0	0/0	0/0	0/0	0/0	30/48	20/48	2/48	2/48	2/48	2/48	
1	ATCC BAA-888	0/48	0/1	0/1	0/1	0/1	0/2	0/3	0/1	0/1	0/4	0/1	0/4	0/2	0/1	0/2	0/1	0/3	0/1	0/3	0/5	0/2	0/1	0/6	0/0	0/0	0/0	0/0	0/0	0/0	0/0	30/48	20/48	2/48	2/48	2/48	2/48
1	Treponema azotonutricum ZAS-9	0/48	0/1	0/1	0/1	0/1	0/2	0/3	0/1	0/1	0/4	0/1	0/4	0/2	0/1	0/2	0/1	0/3	0/1	0/3	0/5	0/2	0/1	0/6	0/0	0											

Table with columns for Accession Number, Organism Name, and a grid of binary values (0.00, 0.00, etc.). The table lists various Mycoplasma species and their related sequences, including Mycoplasma pneumoniae, Mycoplasma fermentans, Mycoplasma genitalium, and Mycoplasma hominis. Each entry is followed by a dense matrix of values representing sequence similarity or presence of specific markers.

