

Table 3. Data for 124 prokaryotic genomes in Fig. 2 and for the four species in Fig. 7.

	Total ORFs	Similarity		Neighborhood		Combined		Overall	
124 Prokaryotic Genomes	344,619	223,296	64.8%	119,078	34.6%	223,296	64.8%	286,225	83.1%
				7,337	2.1%	0	0.0%		
				14,594	4.2%	0	0.0%		
				82,287	23.9%	0	0.0%		
	32,703	9.5%	26,016	7.6%	26,016	7.6%	9,773	2.8%	
			810	0.2%	6,687	1.9%			
			1,197	0.4%	0	0.0%			
			4,680	1.4%	0	0.0%			
	87,653	25.4%	36,779	10.7%	36,779	10.7%	47,919	13.9%	
			3,057	0.9%	3,057	0.9%			
			10,382	3.0%	47,817	13.9%			
			37,435	10.9%	0	0.0%			
	967	0.3%	134	0.0%	134	0.0%	702	0.2%	
29			0.0%	29	0.0%				
102			0.0%	102	0.0%				
702			0.2%	702	0.2%				
Mycoplasma pneumoniae	687	410	59.7%	231	33.6%	410	59.7%	520	75.7%
				24	3.5%	0	0.0%		
				30	4.4%	0	0.0%		
				125	18.2%	0	0.0%		
	107	15.6%	58	8.4%	58	8.4%	59	8.6%	
			20	2.9%	49	7.1%			
			3	0.4%	0	0.0%			
			26	3.8%	0	0.0%			
	170	24.8%	52	7.6%	52	7.6%	108	15.7%	
			10	1.5%	10	1.5%			
			39	5.7%	108	15.7%			
			69	10.0%	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%				
Escherichia coli K12	4,305	3,119	72.5%	2,054	47.7%	3,119	72.5%	3,907	90.8%
				94	2.2%	0	0.0%		
				203	4.7%	0	0.0%		
				768	17.8%	0	0.0%		
	355	8.3%	299	7.0%	299	7.0%	94	2.2%	
			5	0.1%	56	1.3%			
			12	0.3%	0	0.0%			
			39	0.9%	0	0.0%			
	815	18.9%	486	11.3%	486	11.3%	293	6.8%	
			37	0.9%	37	0.9%			
			94	2.2%	292	6.8%			
			198	4.6%	0	0.0%			
	16	0.4%	3	0.1%	3	0.1%	11	0.3%	
1			0.0%	1	0.0%				
1			0.0%	1	0.0%				
11			0.3%	11	0.3%				
Archaeoglobus fulgidus	2,396	1,401	58.5%	768	32.1%	1,401	58.5%	1,957	81.7%
				92	3.8%	0	0.0%		
				102	4.3%	0	0.0%		
				439	18.3%	0	0.0%		
	359	15.0%	292	12.2%	292	12.2%	124	5.2%	
			11	0.5%	67	2.8%			
			18	0.8%	0	0.0%			
			38	1.6%	0	0.0%			
	625	26.1%	261	10.9%	261	10.9%	310	12.9%	
			57	2.4%	57	2.4%			
			93	3.9%	307	12.8%			
			214	8.9%	0	0.0%			
	11	0.5%	3	0.1%	3	0.1%	5	0.2%	
0			0.0%	0	0.0%				
3			0.1%	3	0.1%				
5			0.2%	5	0.2%				
Prochlorococcus marinus SS120	1,881	1,074	57.1%	356	18.9%	1,074	57.1%	1,342	71.4%
				15	0.8%	0	0.0%		
				55	2.9%	0	0.0%		
				648	34.5%	0	0.0%		
	141	7.5%	110	5.9%	110	5.9%	42	2.2%	
			2	0.1%	31	1.7%			
			2	0.1%	0	0.0%			
			27	1.4%	0	0.0%			
	661	35.1%	158	8.4%	158	8.4%	492	26.2%	
			11	0.6%	11	0.6%			
			27	1.4%	492	26.2%			
			465	24.7%	0	0.0%			
	5	0.3%	0	0.0%	0	0.0%	5	0.3%	
0			0.0%	0	0.0%				
0			0.0%	0	0.0%				
5			0.3%	5	0.3%				

Moving from top to bottom is equivalent to moving clockwise around the pie chart and moving from left to right across the table is equivalent to moving from the inner pie to the outside ring SI Fig. 7. A description of the colors used and the corresponding categories can be found in Fig. 2.