

Supplemental table 1A:

Helix #	<i>E. coli</i> nucleotide	Naked 16S rel. to SSUs	Naked 16S rRNA rel. to Int. 1	Int. 1 rel. to SSUs	Int. 1 rel. to Int. 2	Int. 2 rel. to SSUs	Int. 2 rel. to SSUs	SSUs
2	918	2.0	NC	1.5	NC	1.5	NC	1.0
18	522	1.4	NC	2.1	P	1.0	NC	1.0
	525	1.0	NC	1.4	NC	0.9	NC	1.0
	531	0.6	NC	0.9	NC	0.5	E	1.0
	559	0.5	NC	0.8	NC	0.7	NC	1.0
	576	0.9	NC	0.8	NC	0.6	NC	1.0
21	589	0.2	NC	0.2	E	0.5	NC	1.0
	607	0.9	NC	0.9	NC	0.8	NC	1.0
	617	0.6	NC	0.9	NC	0.7	NC	1.0
	618	0.3	E	0.8	NC	0.7	NC	1.0
23	723	0.4	E	4.2	NC	4.1	P	1.0
	728	0.4	E	2.4	NC	1.7	NC	1.0
	731	0.2	E	2.9	NC	2.2	P	1.0
	732	0.2	E	1.4	NC	2.1	P	1.0
24	777	0.0	E	1.2	NC	1.1	NC	1.0
	779	0.0	E	1.8	NC	1.2	NC	1.0
	800	0.1	E	1.9	NC	1.7	NC	1.0
	801	0.4	E	1.4	NC	1.0	NC	1.0
	804	0.1	E	1.4	NC	1.2	NC	1.0
	813	0.2	E	2.3	NC	1.3	NC	1.0
	819	0.2	E	3.2	P	1.2	NC	1.0
25	875	1.0	NC	1.1	NC	0.7	NC	1.0
26	837	0.7	E	11.1	P	4.5	P	1.0
	838	1.8	E	4.5	NC	3.9	P	1.0
	839	0.5	E	8.4	P	2.8	P	1.0
	840	0.0	E	0.9	NC	0.5	NC	1.0
	853	0.4	NC	0.3	NC	0.4	E	1.0
	859	1.8	NC	1.4	NC	0.8	NC	1.0
	860	1.1	NC	1.0	NC	0.8	NC	1.0
	862	8.8	NC	5.8	P	0.9	NC	1.0
	868	0.9	NC	1.0	NC	1.1	NC	1.0
	870	4.7	NC	4.0	NC	3.1	P	1.0
27	889	0.9	NC	1.0	NC	1.1	NC	1.0
	891	2.2	NC	1.5	NC	1.4	NC	1.0
28	924	1.4	NC	1.0	NC	1.1	NC	1.0
	926	0.6	NC	0.5	NC	0.9	NC	1.0
	927	0.5	NC	0.7	NC	0.7	NC	1.0
	928	1.6	NC	0.9	E	2.4	P	1.0
	930	2.3	P	1.1	NC	1.0	NC	1.0
	931	0.9	NC	0.9	NC	0.9	NC	1.0
33	1025	2.9	NC	1.5	NC	1.5	NC	1.0
	1027	20.9	NC	10.9	P	4.9	P	1.0
36	1075	1.4	NC	1.8	NC	2.3	P	1.0
	1078	0.8	NC	0.7	NC	0.9	NC	1.0
	1080	1.2	NC	0.7	NC	1.0	NC	1.0

37	1085	1.6	P	0.8	NC	1.2	NC	1.0
	1090	0.5	NC	0.2	NC	0.4	E	1.0
	1095	3.0	P	1.5	NC	1.7	NC	1.0
	1100	1.3	P	0.6	NC	1.2	NC	1.0
	1109	3.9	P	1.3	NC	1.5	NC	1.0
39	1128	3.8	NC	4.2	NC	3.3	P	1.0
	1132	4.1	NC	5.4	NC	3.3	P	1.0
	1134	3.4	NC	1.8	NC	2.1	P	1.0
	1135	1.6	P	0.8	NC	1.0	NC	1.0
	1139	14.4	P	5.2	NC	3.2	P	1.0
	1140	17.6	P	4.5	NC	4.8	P	1.0
	1144	1.9	P	0.6	NC	0.9	NC	1.0
	1145	3.7	P	0.7	NC	1.2	NC	1.0