

Supplementary Table MotA_counts. Top 5 genbank labels for MotA-homologous genes (MotA, ExbB, TolQ, etc.) used in the phylogeny in Figure 1. Synonymous labels were collapsed to a common abbreviation (e.g., "motility protein A" was converted to "MotA"; "MotA/TolQ/ExbB" was collapsed to "AQB").

#	all	#	FIT	#	TGI5	#	TGI4	#	GIT	#	CCD2	#	CCD3	#	CCD2star	#	CCD3star
147	AQB	57	MotA	34	MotA	23	MotA	120	AQB	36	TolQ	78	AQB	3	TolQ	6	AQB
70	MotA	21	AQB	2	LafT	19	AQB	54	ExbB	33	AQB	33	ExbB	3	AQB	3	ExbB
54	ExbB	8	PomA	2	AQB	8	PomA	49	TolQ	18	ExbB	10	TolQ	NA	NA	2	MotA
49	TolQ	7	transport	1	transport	6	transport	13	MotA	6	transport	8	MotA	NA	NA	NA	NA
14	transport	6	flag	1	lateral_MotA	6	flag	7	transport	3	MotA	3	biopoly_tran	NA	NA	NA	NA

Supplementary Table MotB_counts. Top 5 genbank labels for MotB-homologous genes (MotB, ExbD, TolR, etc.) used in the phylogeny in Figure 1. Synonymous labels were collapsed to a common abbreviation (e.g., "motility protein B" was converted to "MotB"). Singleton labels cut.

#	all	#	FIT	#	TGI5	#	TGI4	#	GIT	#	CCD2	#	CCD3	#	CCD2star	#	CCD3star
103	ExbD	67	MotB	19	MotB	48	MotB	99	ExbD	34	ExbD	59	ExbD	3	ExbD_TolR	6	ExbD
77	ExbD_TolR	10	OmpA	5	OmpA	7	flag	77	ExbD_TolR	29	TolR	43	ExbD_TolR	1	TolR	3	TolR
67	MotB	9	flag	2	flag	5	OmpA	40	TolR	29	ExbD_TolR	7	TolR	1	similar_to_E	2	ExbD_TolR
40	TolR	2	transport	1	transport	1	transport	8	transport	6	transport	2	transport	1	HYP_Plabr_0	NA	NA
10	transport	1	sodium_char	1	MerR_family	1	sodium_char	2	unk	2	transport_en	2	ExbD/_TolR	NA	NA	NA	NA