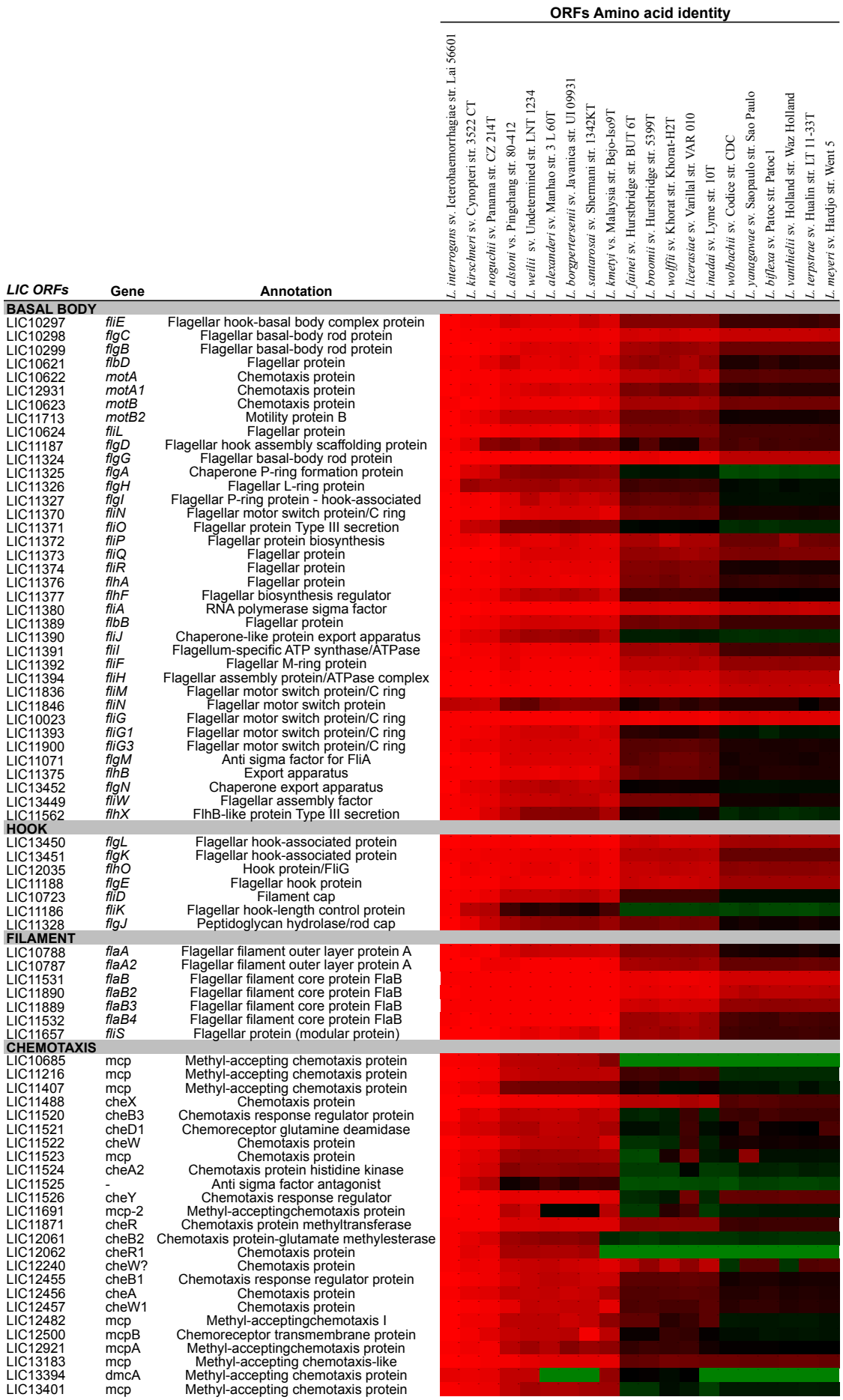

LIC ORFs	Gene	Annotation
BASAL BODY		
LIC10297	*fliE*	Flagellar hook-basal body complex protein
LIC10298	*flgC*	Flagellar basal-body rod protein
LIC10299	*flgB*	Flagellar basal-body rod protein
LIC10621	*flbD*	Flagellar protein
LIC10622	*motA*	Chemotaxis protein
LIC12931	*motA1*	Chemotaxis protein
LIC10623	*motB*	Chemotaxis protein
LIC11713	*motB2*	Motility protein B
LIC10624	*fliL*	Flagellar protein
LIC11187	*flgD*	Flagellar hook assembly scaffolding protein
LIC11324	*flgG*	Flagellar basal-body rod protein
LIC11325	*flgA*	Chaperone P-ring formation protein
LIC11326	*flgH*	Flagellar L-ring protein
LIC11327	*flgI*	Flagellar P-ring protein - hook-associated
LIC11370	*fliN*	Flagellar motor switch protein/C ring
LIC11371	*fliO*	Flagellar protein Type III secretion
LIC11372	*fliP*	Flagellar protein biosynthesis
LIC11373	*fliQ*	Flagellar protein
LIC11374	*fliR*	Flagellar protein
LIC11376	*flhA*	Flagellar protein
LIC11377	*flhF*	Flagellar biosynthesis regulator
LIC11380	*fliA*	RNA polymerase sigma factor
LIC11389	*flbB*	Flagellar protein
LIC11390	*fliJ*	Chaperone-like protein export apparatus
LIC11391	*fliI*	Flagellum-specific ATP synthase/ATPase
LIC11392	*fliF*	Flagellar M-ring protein
LIC11394	*fliH*	Flagellar assembly protein/ATPase complex
LIC11836	*fliM*	Flagellar motor switch protein/C ring
LIC11846	*fliN*	Flagellar motor switch protein
LIC10023	*fliG*	Flagellar motor switch protein/C ring
LIC11393	*fliG1*	Flagellar motor switch protein/C ring
LIC11900	*fliG3*	Flagellar motor switch protein/C ring
LIC11071	*flgM*	Anti sigma factor for FliA
LIC11375	*flhB*	Export apparatus
LIC13452	*flgN*	Chaperone export apparatus
LIC13449	*fliW*	Flagellar assembly factor
LIC11562	*flhX*	FlhB-like protein Type III secretion
HOOK		
LIC13450	*flgL*	Flagellar hook-associated protein
LIC13451	*flgK*	Flagellar hook-associated protein
LIC12035	*flhO*	Hook protein/FliG
LIC11188	*flgE*	Flagellar hook protein
LIC10723	*fliD*	Filament cap
LIC11186	*fliK*	Flagellar hook-length control protein
LIC11328	*flgJ*	Peptidoglycan hydrolase/rod cap
FILAMENT		
LIC10788	*flaA*	Flagellar filament outer layer protein A
LIC10787	*flaA2*	Flagellar filament outer layer protein A
LIC11531	*flaB*	Flagellar filament core protein FlaB
LIC11890	*flaB2*	Flagellar filament core protein FlaB
LIC11889	*flaB3*	Flagellar filament core protein FlaB
LIC11532	*flaB4*	Flagellar filament core protein FlaB
LIC11657	*fliS*	Flagellar protein (modular protein)
CHEMOTAXIS		
LIC10685	mcp	Methyl-accepting chemotaxis protein
LIC11216	mcp	Methyl-accepting chemotaxis protein
LIC11407	mcp	Methyl-accepting chemotaxis protein
LIC11488	cheX	Chemotaxis protein
LIC11520	cheB3	Chemotaxis response regulator protein
LIC11521	cheD1	Chemoreceptor glutamine deamidase
LIC11522	cheW	Chemotaxis protein
LIC11523	mcp	Chemotaxis protein
LIC11524	cheA2	Chemotaxis protein histidine kinase
LIC11525	-	Anti sigma factor antagonist
LIC11526	cheY	Chemotaxis response regulator
LIC11691	mcp-2	Methyl-acceptingchemotaxis protein
LIC11871	cheR	Chemotaxis protein methyltransferase
LIC12061	cheB2	Chemotaxis protein-glutamate methylesterase
LIC12062	cheR1	Chemotaxis protein
LIC12240	cheW?	Chemotaxis protein
LIC12455	cheB1	Chemotaxis response regulator protein
LIC12456	cheA	Chemotaxis protein
LIC12457	cheW1	Chemotaxis protein
LIC12482	mcp	Methyl-acceptingchemotaxis I
LIC12500	mcpB	Chemoreceptor transmembrane protein
LIC12921	mcpA	Methyl-acceptingchemotaxis protein
LIC13183	mcp	Methyl-accepting chemotaxis-like
LIC13394	dmcA	Methyl-accepting chemotaxis protein
LIC13401	mcp	Methyl-accepting chemotaxis protein