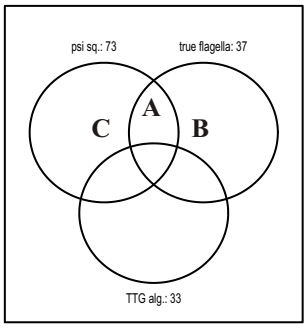


Figure. Proteins associated with flagella phenotype, identified by psi-square with combined query and TTG algorithms. Diagram: 73 COGs identified by psi-square; two other sets are the same as for Figure 2 in the main text.

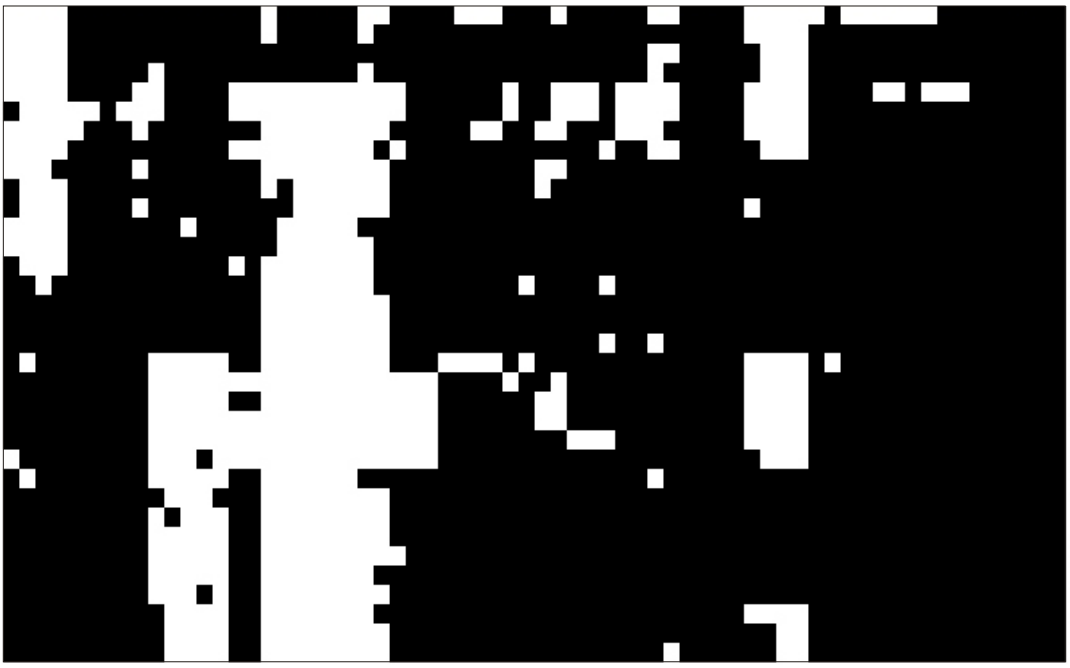
A

NU_COG1317 Fl. bios./ type III path
KNU_COG2747 anti-sigma28
NUO_COG2882 Fl. bios.
N_COG3144 Fl. hook-length
N_COG3190 Fl. biog.
NUO_COG3418 Fl. bios./ type III path
N_COG4787 Fl. Basal body

B

NU_COG1705 Muramidase (fl. spec)
N_COG5442 FlaF
N_COG5443 FlbT

C



D_COG0455 ATPases chromosome part.
N_COG1334 Unchar. fl. pr. FlaG
S_COG1699 Uncharacterized
S_COG2257 Unch. hom. of FhlB
D_COG1077 Actin-like ATPase
M_COG1792 Cell shape-determ. pr.
K_COG1191 DNA-directed RNA pol. sigma subunit
T_COG1551 Carbon storage reg.
KT_COG1221 Tr. regulator
S_COG0700 Uncharacterized
KT_COG3829 Tr. regulator
G_COG2160 L-arabinose isomerase
M_COG5581 Predicted glycosyltransferase
KT_COG3835 Sugar util. reg.
L_COG2356 Endonuclease I
S_COG3123 Uncharacterized
NT_COG3143 Chemotaxis protein
MNO_COG3951 Rod binding protein
M_COG2230 Cyclopropane fatty acid synth.
M_COG0810 Peripl. pr. TonB
H_COG0854 Pyridoxal phosphate bios.
S_COG1934 Uncharacterized
R_COG4105 DNA uptake lipoprotein
S_COG2908 Uncharacterized
S_COG3735 Uncharacterized
I_COG3154 Putative lipid carrier
R_COG3313 Predicted Fe-S protein
Q_COG3127 Predicted ABC-type transport system
T_COG3852 Signal trans. hist. kinase
T_COG3605 Signal transduction pr.
Q_COG4181 Predicted ABC-type transport
S_COG3034 Uncharacterized
R_COG4174 ABC-type unch. transport
R_COG4239 ABC-type unch. transport