

**S1 Fig.** The conserved gene order of F3 chemosensory class genes *cheX*, *cheY*, and *cheZ*. Abbreviations: X-*fliN*, CheX-flagellar switch protein FliN; Y-*prmA*, CheY-50S ribosomal protein L11 methyltransferase; Z-*trhP*, CheZ-tRNA hydroxylation P.