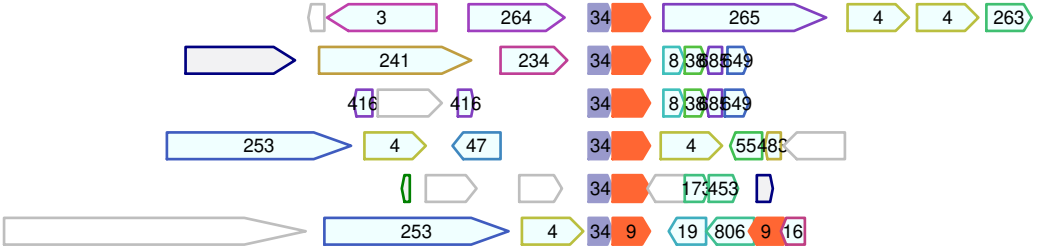


Predicted Toxin (Red Pentagon) Domain ID: D126
-- RefSeq Protein Description: type II toxin-antitoxin system PemK/MazF family toxin
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: YlqF_related_GTPase superfamily_ABC_ABC_ChvD superfamily
-- HHpred(Pfam) Annotation: PRK ; Phosphoribulokinase / Uridine kinase family (97.23%)
-- HHpred(PDB) Annotation: BH3686 (97.31%)

Predicted Antitoxin (Blue Pentagon) Domain ID: M216
-- RefSeq Protein Description: hypothetical protein
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: No Hit
-- HHpred(Pfam) Annotation: No Hit
-- HHpred(PDB) Annotation: No Hit

Kamptonema formosum PCC 6407 (TA-Like pair: WP_007353591.1 & WP_007353592.1)
Planktothrix mougeotii NIVA CYA 405 (TA-Like pair: WP_026795262.1 & WP_026788015.1)
Planktothrix agardhii NIVA CYA 126 8 (TA-Like pair: WP_026795262.1 & WP_026788015.1)
Planktothrix agardhii NIVA CYA 126 8 (TA-Like pair: WP_042156647.1 & WP_042156650.1)
Microcystis wessenbergii FACHB 1317 (TA-Like pair: WP_004159876.1 & WP_004159877.1)
Planktothrix paucivesiculata PCC 9631 (TA-Like pair: WP_083620219.1 & WP_083620221.1)



** For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/Mini_pdfs/M216.txt