

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: M189
 -- RefSeq Protein Description: hypothetical protein
 -- TADB Annotation: No Hit
 -- NCBI-CDD Annotation: No Hit
 -- HHpred(Pfam) Annotation: DUF3775 ; Protein of unknown function (DUF3775) (52.22%)
 -- HHpred(PDB) Annotation: No Hit

Scytonema hofmanni UTEX 2349 (TA-Like pair: WP_029637695.1 & WP_029637696.1)
 Nostoc calcicola FACHB 389 (TA-Like pair: WP_073639973.1 & WP_073640020.1)
 Nostoc commune NIES 4072 (TA-Like pair: WP_109011640.1 & WP_109011639.1)



** For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/Mini_pdfs/M189.txt