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%)

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)

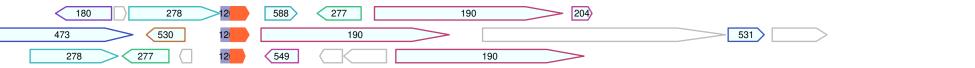
-- RefSeq Protein Description: hypothetical protein

-- 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



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

Predicted Antitoxin (Blue Pentagon) Domain ID: M189