

Predicted Toxin (Red Pentagon) Domain ID: D57

RefSeq Protein Description: type II toxin-antitoxin system RelE/ParE family toxin

TADB Annotation: toxin relE like VCA0478; PubMed: 25897030

NCBI-CDD Annotation: RelE

HHpred(Pfam) Annotation: Toxin_YhaV ; Toxin with endonuclease activity, of toxin-antitoxin system (97.85%)

HHpred(PDB) Annotation: mRNA interferase RelE (97.84%)

Predicted Antitoxin (Blue Pentagon) Domain ID: M74

-- RefSeq Protein Description: hypothetical protein

-- TADB Annotation: No Hit

-- NCBI-CDD Annotation: No Hit

HHpred(Pfam) Annotation: Unstab_antitox ; Putative addiction module component (72.52%)

-- HHpred(PDB) Annotation: Ribosomal protein L2, 50S ribosomal (56.14%)

Phormidium ambiguum IAM M 71 (TA-Like pair: WP_073592647.1 & WP_073592646.1)

Geminocystis herdmanii PCC 6308 (TA-Like pair: WP_017295634.1 & WP_040466885.1)



For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/Mini_pdfs/M74.txt