

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 (97.35%)

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

Predicted Antitoxin (Blue Pentagon) Domain ID: M93

-- RefSeq Protein Description: hypothetical protein

-- TADB Annotation: No Hit

-- NCBI-CDD Annotation: No Hit

HHpred(Pfam) Annotation: Tugs ; Tethering Ubl4a to BAGS domain (83.27%)

-- HHpred(PDB) Annotation: Ubl4A, Bag6 (80.75%)

Parapedobacter indicus (TA-Like pair: WP_090623834.1 & WP_143072844.1)

Pedobacter glucosidilyticus DSM 23534 (TA-Like pair: WP_026902497.1 & WP_026902498.1)



For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/Mini_pdfs/M93.txt