

Predicted Toxin (Red Pentagon) Domain ID: D59

- RefSeq Protein Description: putative toxin-antitoxin system toxin component, PIN family
- TADB Annotation: No Hit
- NCBI-CDD Annotation: PIN_SF superfamily
- HHpred(Pfam) Annotation: PIN_9 ; PIN like domain (96.80%)
- HHpred(PDB) Annotation: Uncharacterized protein TTHA0540 (97.56%)

Predicted Antitoxin (Blue Pentagon) Domain ID: M142

- RefSeq Protein Description: toxin-antitoxin (TA) system antitoxin
- TADB Annotation: No Hit
- NCBI-CDD Annotation: PhdYeFM_antitox superfamily
- HHpred(Pfam) Annotation: PhdYeFM_antitox ; Antitoxin Phd_YefM, type II toxin-antitoxin system (90.15%)
- HHpred(PDB) Annotation: Antitoxin VapB46 (95.08%)

Mesoaciditoga lauensis cd 1655R DSM 25116 (TA-Like pair: WP_036225333.1 & WP_036225336.1)
Mesotoga infera (TA-Like pair: WP_169698915.1 & WP_169698914.1)



** For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/Mini_pdfs/M142.txt