

Predicted Toxin (Red Pentagon) Domain ID: D54
-- RefSeq Protein Description: PIN domain-containing protein
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: PIN_VapC-like
-- HHpred(Pfam) Annotation: PIN_2 ; PIN domain (97.31%)
-- HHpred(PDB) Annotation: 23S rRNA-specific endonuclease VapC20 (98.02%)

Predicted Antitoxin (Blue Pentagon) Domain ID: M77
-- RefSeq Protein Description: redox-regulated ATPase YchF
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: PRK09601
-- HHpred(Pfam) Annotation: YchF-GTPase_C ; Protein of unknown function (DUF933) (99.04%)
-- HHpred(PDB) Annotation: No Hit

- Prosthecomicrobium pneumaticum (TA-Like pair: WP_183853272.1 & WP_183853270.1)
- Methylobacterium rhodinum (TA-Like pair: WP_183571482.1 & WP_183571484.1)
- Salinarimonas ramus (TA-Like pair: WP_188909198.1 & WP_188909196.1)
- Methylocella silvestris BL2 (TA-Like pair: WP_012590649.1 & WP_012590648.1)
- Aquabacter cavernae (TA-Like pair: WP_127090229.1 & WP_127090230.1)
- Methylobacterium segetis (TA-Like pair: WP_165937946.1 & WP_132255922.1)
- Methylocapsa acidiphila B2 (TA-Like pair: WP_026607746.1 & WP_026607747.1)



** For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/Mini_pdfs/M77.txt