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%)

Prosthecomicrobium pneumaticum (TA-Like pair: WP_183853272.1 & WP_183853270.1)

Methylorubrum 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)

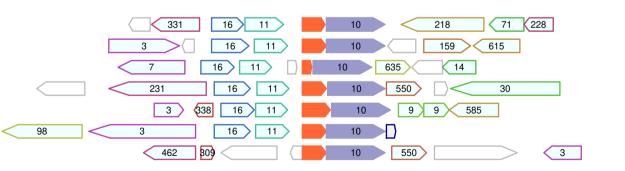
Aguabacter cavernae (TA-Like pair: WP 127090229.1 & WP 127090230.1)

Methylobacterium segetis (TA-Like pair: WP_165937946.1 & WP_132255922.1)

Methylocapsa acidiphila B2 (TA-Like pair: WP_026607746.1 & WP_026607747.1)

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



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