Predicted Toxin (Red Pentagon) Domain ID: D126

- -- RefSeq Protein Description: type II toxin-antitoxin system PemK/MazF family toxin
- -- TADB Annotation: No Hit
- -- NCBI-CDD Annotation: YlqF related_GTPase superfamily_ABC_ABC_ChvD superfamily
- -- HHpred(Pfam) Annotation: PRK; Phosphoribulokinase / Uridine kinase family (97.23%)
- -- HHpred(PDB) Annotation: BH3686 (97.31%)

Bacillus shackletonii (TA-Like pair: WP_163258581.1 & WP_055741065.1)

Geobacillus jurassicus NBRC 107829 (TA-Like pair: WP_167346109.1 & WP_083509984.1)

Anoxybacillus amylolyticus (TA-Like pair: WP_162484112.1 & WP_066326033.1)

Anoxybacillus ayderensis (TA-Like pair: WP_162484112.1 & WP_085788515.1)

Geobacillus thermocatenulatus (TA-Like pair: WP 167372757.1 & WP 025949720.1)

Bacillus sporothermodurans (TA-Like pair: WP_170112380.1 & WP_066235849.1)

Bacillus thermoamylovorans (TA-Like pair: WP_192878702.1 & WP_108897720.1)

** For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/Mini_pdfs/M206.txt

Predicted Antitoxin (Blue Pentagon) Domain ID: M206

- -- RefSeg Protein Description: hypothetical protein
- -- TADB Annotation: No Hit
- -- NCBI-CDD Annotation: No Hit
- -- HHpred(Pfam) Annotation: DUF4258; Domain of unknown function (DUF4258) (61.10%)
- -- HHpred(PDB) Annotation: negative strand RNA virus, polymerase (72.04%)

