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%)

Predicted Antitoxin (Blue Pentagon) Domain ID: M214

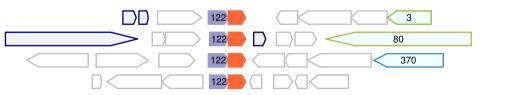
- -- RefSeg Protein Description: MarR family transcriptional regulator
- -- TADB Annotation: No Hit
- -- NCBI-CDD Annotation: HTH_ARSR
- -- HHpred(Pfam) Annotation: DsrD; Dissimilatory sulfite reductase D (DsrD) (96.52%)
- -- HHpred(PDB) Annotation: Ethanolamine utilization protein eutK (96.99%)

Natronomonas pharaonis DSM 2160 (TA-Like pair: WP_011324426.1 & WP_011324427.1)

Halorubrum halodurans (TA-Like pair: WP_094534489.1 & WP_094534487.1)

Halalkaliarchaeum desulfuricum (TA-Like pair: WP_119817940.1 & WP_119817937.1)

Natronobacterium texcoconense (TA-Like pair: WP_090385125.1 & WP_090385127.1)



For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/Mini_pdfs/M214.txt