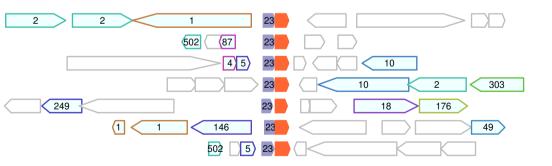
Predicted Toxin (Red Pentagon) Domain ID: D57

- -- RefSeq Protein Description: type II toxin-antitoxin system RelE/ParE family toxin
- -- TADB Annotation: toxin relE like VCA0478; PubMed: 25897030
- -- NCBI-CDD Annotation: RelE
- -- HHpred(Pfam) Annotation: Toxin YhaV; Toxin with endonuclease activity, of toxin-antitoxin system (97.35%) Hpred(Pfam) Annotation: RhoGAP-FF1; p190-A and -B Rho GAPs FF domain (66.41%)
- -- HHpred(PDB) Annotation: mRNA interferase RelE (97.84%)

Predicted Antitoxin (Blue Pentagon) Domain ID: M117

- -- RefSeg Protein Description: hypothetical protein
- -- TADB Annotation: No Hit
- -- NCBI-CDD Annotation: No Hit
- -- HHpred(PDB) Annotation: Glucocorticoid receptor DNA-binding factor 1 (58.63%)

Cylindrospermum stagnale PCC 7417 (TA-Like pair: WP 015206460.1 & WP 015206459.1) Microcystis flos aquae FACHB 1344 (TA-Like pair: WP_002771553.1 & WP_190720341.1) Stenomitos frigidus ULC18 (TA-Like pair: WP 106260916.1 & WP 106260914.1) Desulfacinum infernum DSM 9756 (TA-Like pair: WP 073037009.1 & WP 084076116.1) Caldilinea aerophila DSM 14535 NBRC 104270 (TA-Like pair: WP 014433158.1 & WP 014433159.1) Candidatus Magnetobacterium casensis (TA-Like pair: WP 040335346.1 & WP 052567110.1) Geminocystis herdmanii PCC 6308 (TA-Like pair: WP 017293383.1 & WP 017293382.1)



^{**} For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/Mini pdfs/M117.txt