

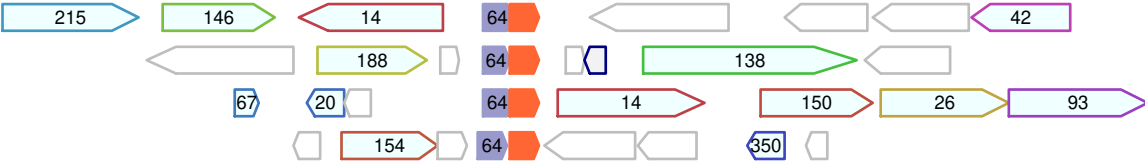
Predicted Toxin (Red Pentagon) Domain ID: D57

- 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%)
- HHpred(PDB) Annotation: mRNA interferase RelE (97.84%)

Predicted Antitoxin (Blue Pentagon) Domain ID: M101

- RefSeq Protein Description: CopG family transcriptional regulator
- TADB Annotation: No Hit
- NCBI-CDD Annotation: No Hit
- HHpred(Pfam) Annotation: MatP_C ; MatP C-terminal ribbon-helix-helix domain (92.72%)
- HHpred(PDB) Annotation: Bifunctional protein putA/DNA (88.92%)

- Kosmotoga olearia TBF 19 5 1 (TA-Like pair: WP_015868611.1 & WP_148208002.1)
- Fusobacterium necrophorum subsp necrophorum (TA-Like pair: WP_005960172.1 & WP_005960101.1)
- Mesoaciditoga lauensis cd 1655R DSM 25116 (TA-Like pair: WP_036226246.1 & WP_036226339.1)
- Leptotrichia buccalis C 1013 b (TA-Like pair: WP_015769532.1 & WP_015769533.1)



** For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/Mini_pdfs/M101.txt