Predicted Toxin (Red Pentagon) Domain ID: D6

-- RefSeq Protein Description: type II toxin-antitoxin system death-on-curing family toxin

-- TADB Annotation: No Hit

-- NCBI-CDD Annotation: Fic superfamily Fic

-- HHpred(Pfam) Annotation: Fic; Fic/DOC family (87.67%)

-- HHpred(PDB) Annotation: Death on curing protein, Prevent (97.17%)

Clostridium tetani E88 (TA-Like pair: WP_035109252.1 & WP_011100103.1)

Selenomonas massiliensis (TA-Like pair: WP_106627565.1 & WP_106627566.1)

Caloramator proteoclasticus DSM 10124 (TA-Like pair: WP_073249100.1 & WP_073249098.1)

Fournierella massiliensis (TA-Like pair: WP_058964398.1 & WP_058964399.1)

Sphaerochaeta halotolerans (TA-Like pair: WP_160526387.1 & WP_160526386.1)

Sanguibacter gelidistatuariae (TA-Like pair: WP_093184978.1 & WP_093184395.1)

Mobiluncus holmesii (TA-Like pair: WP_154545845.1 & WP_154545847.1)

Geosporobacter ferrireducens (TA-Like pair: WP_069973926.1 & WP_069978232.1)

Catabacter hongkongensis (TA-Like pair: WP_068458401.1 & WP_046442536.1)

Peptoniphilus pacaensis (TA-Like pair: WP_068458401.1 & WP_073998708.1)

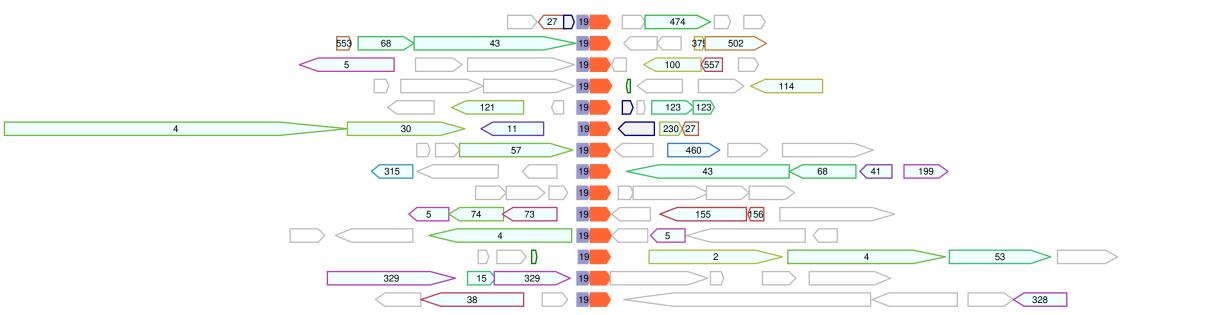
Desulfotomaculum aeronauticum DSM 10349 (TA-Like pair: WP_072910554.1 & WP_072910555.1)

Eubacterium uniforme (TA-Like pair: WP_078766540.1 & WP_078766541.1)

Treponema azotonutricium ZAS 9 (TA-Like pair: WP_015711781.1 & WP_015711782.1)

Predicted Antitoxin (Blue Pentagon) Domain ID: D32

- -- RefSeq Protein Description: type II toxin-antitoxin system Phd/YefM family antitoxin
- -- TADB Annotation: No Hit
- -- NCBI-CDD Annotation: PhdYeFM_antitox
- -- HHpred(Pfam) Annotation: PHD_like; Antitoxin of toxin-antitoxin, RelE / RelB, TA system (92.79%)
- -- HHpred(PDB) Annotation: Prevent host death protein (95.85%)



^{**} For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/T8_pdfs/D32.txt