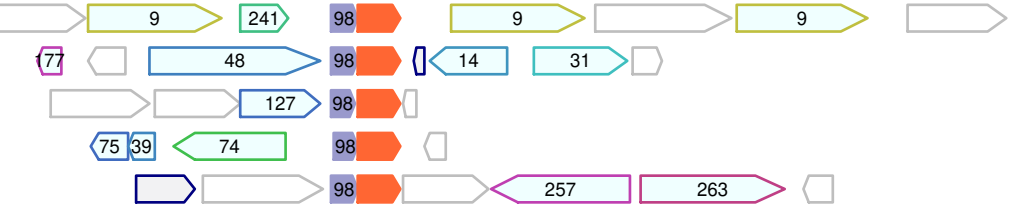


Predicted Toxin (Red Pentagon) Domain ID: D128
-- RefSeq Protein Description: type II toxin-antitoxin system VapC family toxin
-- TADB Annotation: Possible toxin VapC10; PubMed: 20011113
-- NCBI-CDD Annotation: PIN_VapC4-5_FitB-like
-- HHpred(Pfam) Annotation: DUF4411 ; Domain of unknown function (DUF4411) (97.07%)
-- HHpred(PDB) Annotation: tRNA(fMet)-specific endonuclease VapC (97.99%)

Predicted Antitoxin (Blue Pentagon) Domain ID: M219
-- RefSeq Protein Description: CopG family transcriptional regulator
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: RHH_CopG_NikR-like superfamily
-- HHpred(Pfam) Annotation: VapB_antitoxin ; Bacterial antitoxin of type II TA system, VapB (95.87%)
-- HHpred(PDB) Annotation: Probable endoribonuclease MazF7 (95.22%)

Dactylococcopsis salina PCC 8305 (TA-Like pair: WP_015228088.1 & WP_015228089.1)
Bradyrhizobium genosp B (TA-Like pair: WP_195798579.1 & WP_195798578.1)
Rickettsia endosymbiont of Culicoides newsteadii (TA-Like pair: WP_094649475.1 & WP_094649476.1)
Lamprobacter modestohalophilus (TA-Like pair: WP_200249098.1 & WP_200249095.1)
Crocospaera chwakensis CCY0110 (TA-Like pair: WP_008278540.1 & WP_157464658.1)



** For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/Mini_pdfs/M219.txt