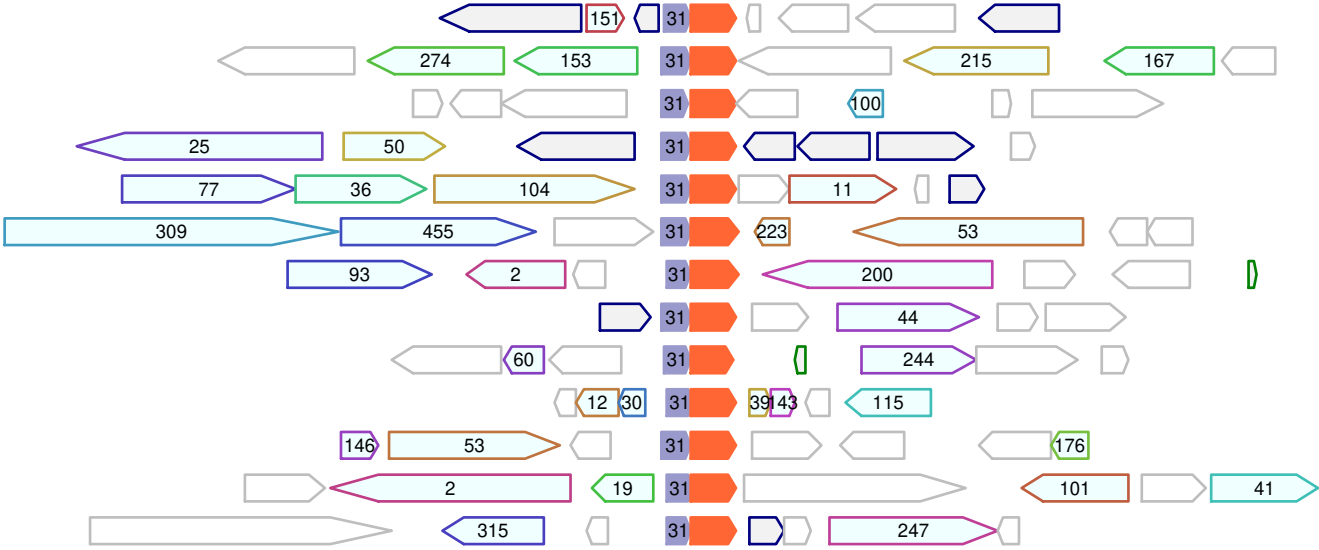


Predicted Toxin (Red Pentagon) Domain ID: D59
-- RefSeq Protein Description: putative toxin-antitoxin system toxin component, PIN family
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: PIN_SF superfamily
-- HHpred(Pfam) Annotation: PIN_9 ; PIN like domain (96.80%)
-- HHpred(PDB) Annotation: Uncharacterized protein TTHA0540 (97.56%)

Predicted Antitoxin (Blue Pentagon) Domain ID: D111
-- RefSeq Protein Description: ribbon-helix-helix domain-containing protein
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: RHH_6 superfamily
-- HHpred(Pfam) Annotation: RHH_6 ; Ribbon-helix-helix domain (98.66%)
-- HHpred(PDB) Annotation: Putative uncharacterized protein (97.65%)

- Candidatus Hamiltonella defensa Bemisia tabaci (TA-Like pair: WP_016857969.1 & WP_016857968.1)
Nitrospirillum amazonense CBAmc (TA-Like pair: WP_088872782.1 & WP_088872783.1)
Croceicoccus naphthovorans (TA-Like pair: WP_047824669.1 & WP_047824671.1)
Sphingomonas carotinifaciens (TA-Like pair: WP_174236650.1 & WP_149682846.1)
Aromatoleum aromaticum EbN1 (TA-Like pair: WP_041648028.1 & WP_041647966.1)
Sutterella wadsworthensis (TA-Like pair: WP_039930009.1 & WP_005430344.1)
Dactylococcopsis salina PCC 8305 (TA-Like pair: WP_015230121.1 & WP_041235481.1)
Imhoffiella purpurea (TA-Like pair: WP_043749153.1 & WP_043749155.1)
Desulfonatronovibrio magnus (TA-Like pair: WP_045215758.1 & WP_045215756.1)
Tolypothrix campylonemoides VB511288 (TA-Like pair: WP_041038330.1 & WP_041038329.1)
Methylovulum psychrotolerans (TA-Like pair: WP_088621387.1 & WP_088621386.1)
Geminocystis herdmannii PCC 6308 (TA-Like pair: WP_017292887.1 & WP_017292886.1)
Nitrococcus mobilis Nb 231 (TA-Like pair: WP_005000296.1 & WP_005000294.1)



** For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/T8_pdfs/D111.txt