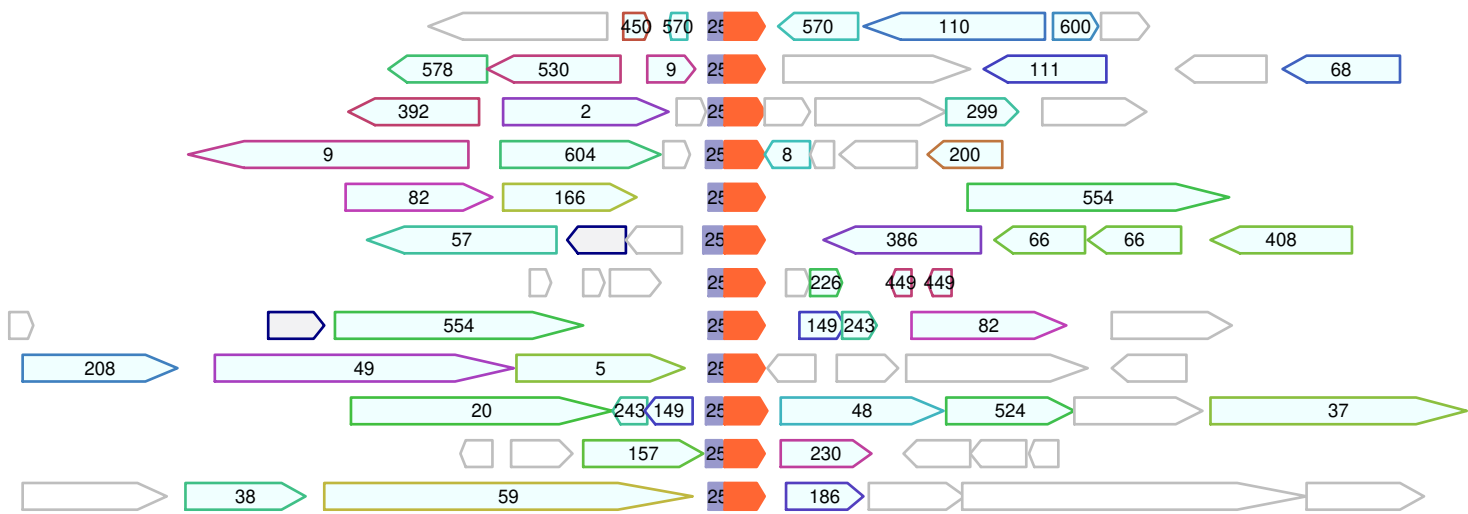


Predicted Toxin (Red Pentagon) Domain ID: D128
-- RefSeq Protein Description: type II toxin-antitoxin system VapC family toxin
-- TADB Annotation: Possible toxin VapC10; PubMed: 20011113
-- NCBI-CDD Annotation: PIN_VapC4-5_FitB-like
-- HHpred(Pfam) Annotation: DUF4411 ; Domain of unknown function (DUF4411)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

Predicted Antitoxin (Blue Pentagon) Domain ID: D153
-- RefSeq Protein Description: hypothetical protein
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: No Hit
-- HHpred(Pfam) Annotation: DUF2281 ; Protein of unknown function (DUF2281) (91.15%)
-- HHpred(PDB) Annotation: uncharacterized protein yiiF (67.92%)

- Roseivirga seohaensis (TA-Like pair: WP_176700015.1 & WP_062301095.1)
- Pontibacter russatus (TA-Like pair: WP_161888584.1 & WP_161888583.1)
- Mucilaginibacter gotjawali (TA-Like pair: WP_157750404.1 & WP_096349837.1)
- Dyadobacter fermentans DSM 18053 (TA-Like pair: WP_187293492.1 & WP_041736525.1)
- Aliifodinibius halophilus (TA-Like pair: WP_165271418.1 & WP_165271417.1)
- Treponema medium ATCC 700293 (TA-Like pair: WP_016523339.1 & WP_016523338.1)
- Candidatus Cyclonatronum proteinivorum (TA-Like pair: WP_164682753.1 & WP_114984864.1)
- Draconibacterium orientale (TA-Like pair: WP_157470899.1 & WP_038563041.1)
- Mucilaginibacter paludis DSM 18603 (TA-Like pair: WP_157543889.1 & WP_008506767.1)
- Mucilaginibacter phyllosphaerae (TA-Like pair: WP_134335947.1 & WP_134335948.1)
- Brachyspira intermedia PWS A (TA-Like pair: WP_014487070.1 & WP_014487071.1)
- Persicitalea jodogahamensis (TA-Like pair: WP_189567064.1 & WP_189567062.1)



** For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/T8_pdfs/D153.txt