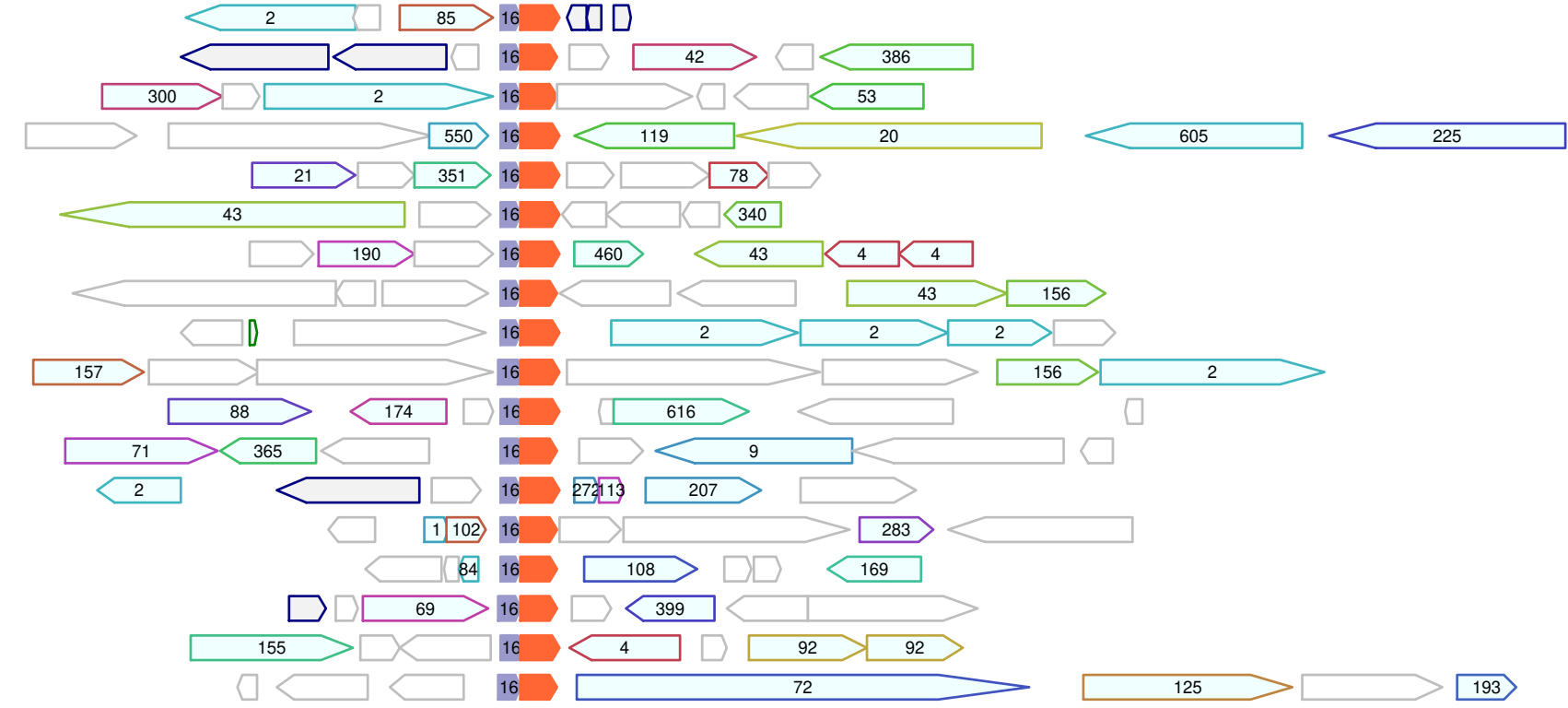


Predicted Toxin (Red Pentagon) Domain ID: D128
-- RefSeq Protein Description: type II toxin-antitoxin system VapC family toxin
-- TADB Annotation: Possible toxin VapC10; PubMed: 20011113
-- NCBI-CDD Annotation: PIN_VapC4-5_FitB-like
-- HHpred(Pfam) Annotation: DUF4411 ; Domain of unknown function (DUF4411)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

Predicted Antitoxin (Blue Pentagon) Domain ID: D150
-- RefSeq Protein Description: type II toxin-antitoxin system VapB family antitoxin
-- TADB Annotation: Possible antitoxin VapB6; PubMed: 20011113
-- NCBI-CDD Annotation: VapB_antitoxin
-- HHpred(Pfam) Annotation: VapB_antitoxin ; Bacterial antitoxin of type II TA system, VapB (95.21%)
-- HHpred(PDB) Annotation: Ribonuclease VapC11 (98.32%)

- Fervidicola ferrireducens (TA-Like pair: WP_066352890.1 & WP_066352888.1)
- Algoriphagus aquimarinus (TA-Like pair: WP_092896179.1 & WP_092896181.1)
- Marivirga tractuosa DSM 4126 (TA-Like pair: WP_013452801.1 & WP_013452802.1)
- Echinicola strongylocentroti (TA-Like pair: WP_112785259.1 & WP_112785258.1)
- Thermoanaerobacterium aotearoense (TA-Like pair: WP_014757019.1 & WP_014757018.1)
- Nitrincola lacinaponensis (TA-Like pair: WP_036546783.1 & WP_036546779.1)
- Geobacter daltonii FRC 32 (TA-Like pair: WP_012647886.1 & WP_012647885.1)
- Thermodesulfovibrio yellowstonii DSM 11347 (TA-Like pair: WP_012546702.1 & WP_012545845.1)
- Thermodesulfovibrio islandicus DSM 12570 (TA-Like pair: WP_028842503.1 & WP_028842504.1)
- Geobacter argillaceus (TA-Like pair: WP_145020983.1 & WP_170241872.1)
- Candidatus Brocadia sinica JPN1 (TA-Like pair: WP_052564683.1 & WP_052564684.1)
- Turneriella parva DSM 21527 (TA-Like pair: WP_014804934.1 & WP_014804935.1)
- Lentisphaera araneosa HTCC2155 (TA-Like pair: WP_007277973.1 & WP_007277974.1)
- Methylovulum miyakonense HT12 (TA-Like pair: WP_019867166.1 & WP_019867165.1)
- Nitrosococcus halophilus Nc 4 (TA-Like pair: WP_013034510.1 & WP_049780684.1)
- Leptonema illini DSM 21528 (TA-Like pair: WP_052608533.1 & WP_002774252.1)
- Biomabaacter acetigenes (TA-Like pair: WP_120768048.1 & WP_120768050.1)
- Phragmitibacter flavus (TA-Like pair: WP_138088775.1 & WP_166443100.1)



** For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/T8_pdfs/D150.txt