

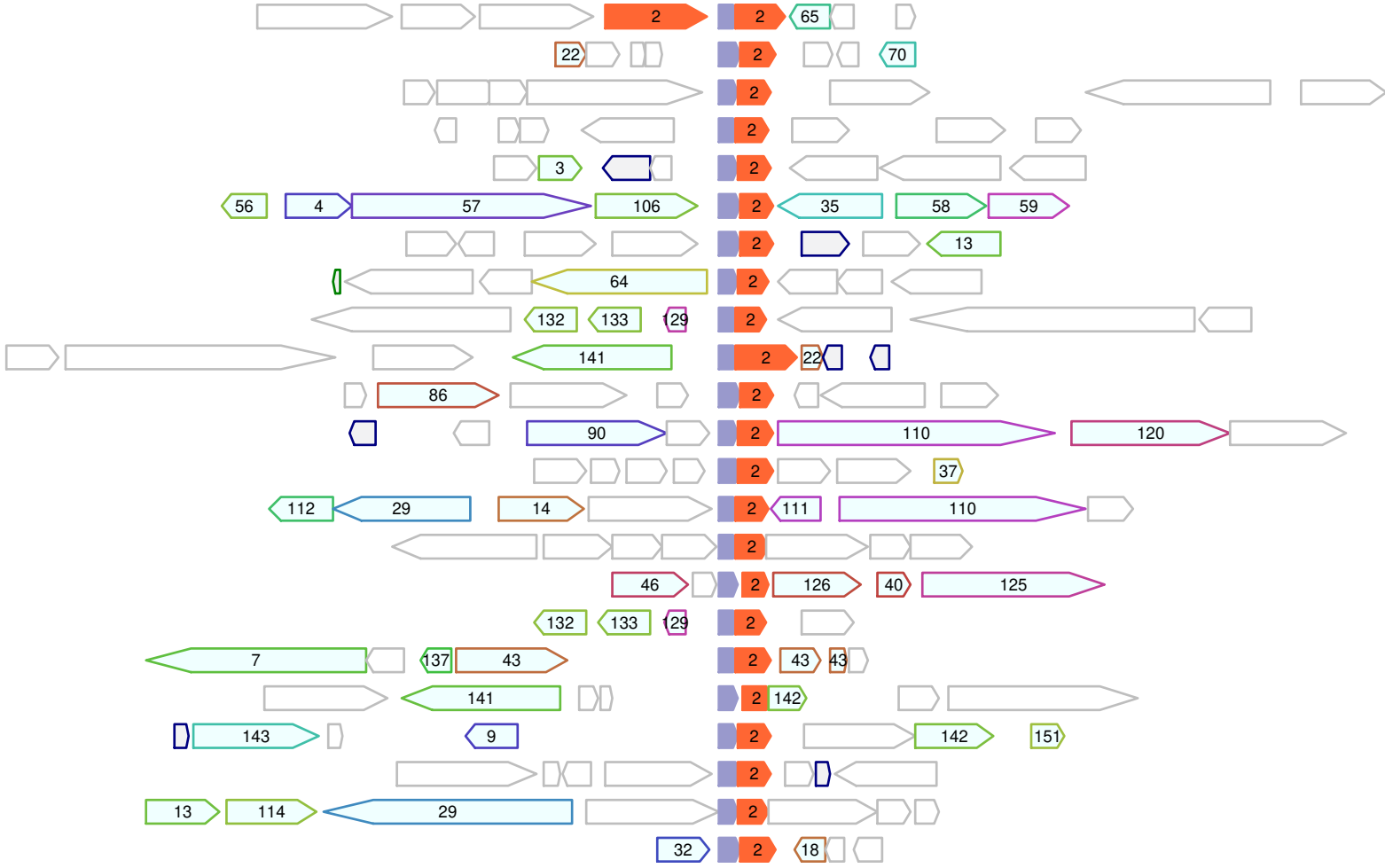
Predicted Antitoxin (Blue Pentagon) Domain ID: D109

-- RefSeq Protein Description: DUF2281 domain-containing protein
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: DUF2281
-- HHpred(Pfam) Annotation: DUF2281 ; Protein of unknown function (DUF2281) (86.73%)
-- HHpred(PDB) Annotation: No Hit

Predicted Toxin (Red Pentagon) Domain ID: D126

-- RefSeq Protein Description: type II toxin-antitoxin system PemK/MazF family toxin
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: YlqF_related_GTPase superfamily_ABC_ABC_ChvD superfamily
-- HHpred(Pfam) Annotation: PRK ; Phosphoribulokinase / Uridine kinase family (97.23%)
-- HHpred(PDB) Annotation: BH3686 (97.31%)

- Nostoc punctiforme PCC 73102 (TA-Like pair: WP_041566668.1 & WP_012413205.1)
Salinibacter ruber M8 (TA-Like pair: WP_043551965.1 & WP_013061203.1)
Thermodesulfatator indicus DSM 15286 (TA-Like pair: WP_013907266.1 & WP_013907265.1)
Turneriella parva DSM 21527 (TA-Like pair: WP_041949526.1 & WP_014804586.1)
Thioflavicoccus mobilis 8321 (TA-Like pair: WP_015279851.1 & WP_157633648.1)
Desulfotignum phosphitoxidans DSM 13687 (TA-Like pair: WP_006966977.1 & WP_006966976.1)
Salisaeta longa DSM 21114 (TA-Like pair: WP_022834907.1 & WP_022834908.1)
Thioalkalivibrio versutus (TA-Like pair: WP_018144158.1 & WP_018938063.1)
Nostoc calcicola FACHB 389 (TA-Like pair: WP_073641033.1 & WP_073641024.1)
Candidatus Thiodictyon syntrophicum (TA-Like pair: WP_100918642.1 & WP_100918643.1)
Salinivenus iranica (TA-Like pair: WP_103038611.1 & WP_103038610.1)
Methylobacter tundripaludum (TA-Like pair: WP_104421948.1 & WP_104421949.1)
Coralimargarita sinensis (TA-Like pair: WP_110132118.1 & WP_110132117.1)
Halomonas alimentaria (TA-Like pair: WP_161432797.1 & WP_161432796.1)
Sulfurimicrobium lacus (TA-Like pair: WP_173060420.1 & WP_173060423.1)
Halomonas cerina (TA-Like pair: WP_183327648.1 & WP_183327646.1)
Desmonostoc muscorum LEGE 12446 (TA-Like pair: WP_073641033.1 & WP_193923958.1)
Thiohalocapsa halophila (TA-Like pair: WP_200234967.1 & WP_200234965.1)
Thiohalocapsa halophila (TA-Like pair: WP_200239822.1 & WP_200239820.1)
Thiohalocapsa halophila (TA-Like pair: WP_200239865.1 & WP_200239863.1)
Thiohalospira halophila DSM 15071 (TA-Like pair: WP_093426914.1 & WP_093426915.1)
Sulfurivirga caldicuralii (TA-Like pair: WP_074201307.1 & WP_074201308.1)
Aliifodiniibius sediminis (TA-Like pair: WP_142716086.1 & WP_142716087.1)



** For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/T8_pdfs/D126.txt