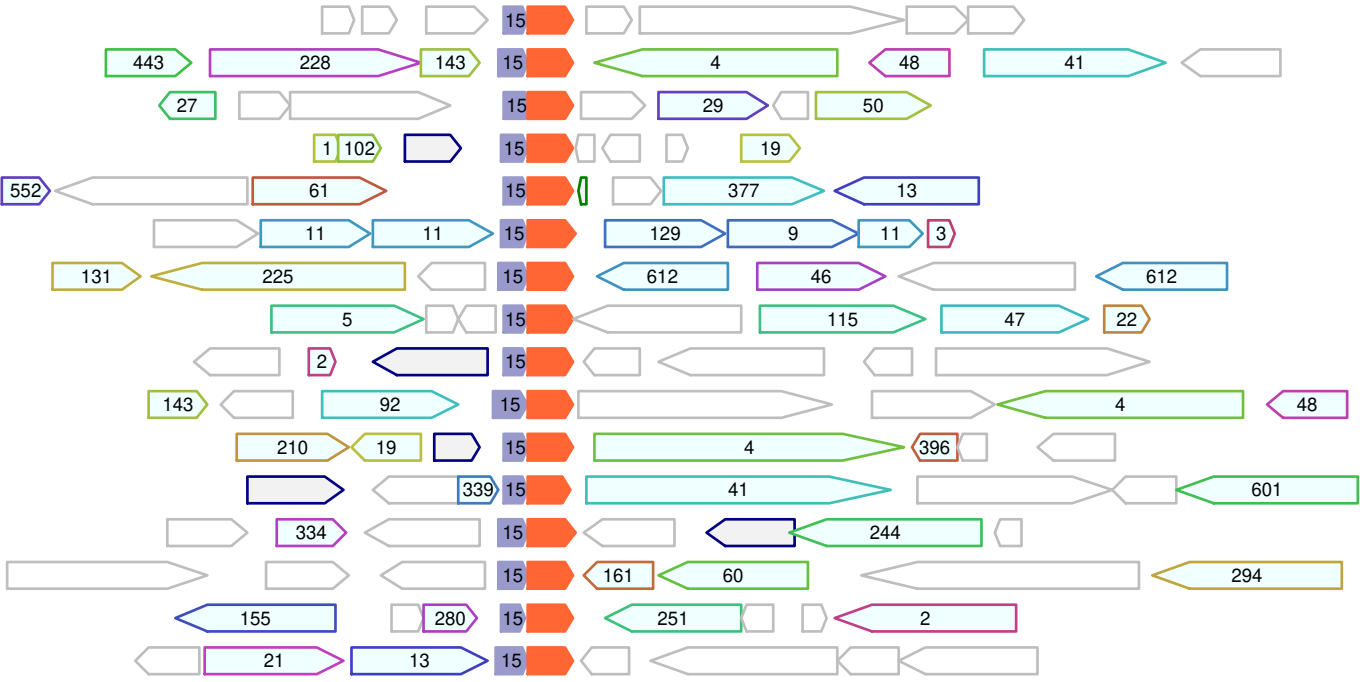


Predicted Toxin (Red Pentagon) Domain ID: D128  
-- RefSeq Protein Description: type II toxin-antitoxin system VapC family toxin  
-- TADB Annotation: Possible toxin VapC10; PubMed: 20011113  
-- NCBI-CDD Annotation: PIN\_VapC4-5\_FitB-like  
-- HHpred(Pfam) Annotation: DUF4411 ; Domain of unknown function (DUF4411) (97.07%)  
-- HHpred(PDB) Annotation: tRNA(fMet)-specific endonuclease VapC (97.99%)

Predicted Antitoxin (Blue Pentagon) Domain ID: D148  
-- RefSeq Protein Description: Arc family DNA-binding protein  
-- TADB Annotation: No Hit  
-- NCBI-CDD Annotation: PRK13982 superfamily  
-- HHpred(Pfam) Annotation: RHH\_7 ; Transcriptional regulator, RHH-like, CopG (87.89%)  
-- HHpred(PDB) Annotation: TRAFFICKING PROTEIN B, TRAFFICKING PROTEIN (96.39%)

- Eikenella halliae (TA-Like pair: WP\_064089666.1 & WP\_064089665.1)
- Bifidobacterium reuteri (TA-Like pair: WP\_044089594.1 & WP\_044089595.1)
- Trinickia fusca (TA-Like pair: WP\_121279880.1 & WP\_121279575.1)
- Leptospirillum ferriphilum ML 04 (TA-Like pair: WP\_014961457.1 & WP\_014961458.1)
- Kribbia dieselivorans NBRC 106261 (TA-Like pair: WP\_068396419.1 & WP\_068396418.1)
- Serpentinomonas raichei (TA-Like pair: WP\_082039821.1 & WP\_029462917.1)
- Bifidobacterium lemorum (TA-Like pair: WP\_083570222.1 & WP\_072725883.1)
- Microbacterium trichothecenolyticum (TA-Like pair: WP\_116194557.1 & WP\_116194558.1)
- Tessaracoccus flavus (TA-Like pair: WP\_077342072.1 & WP\_077342074.1)
- Bifidobacterium rousetti (TA-Like pair: WP\_150384085.1 & WP\_150384086.1)
- Tolypothrix campylonemoides VB511288 (TA-Like pair: WP\_041041332.1 & WP\_041041330.1)
- Corynebacterium striatum (TA-Like pair: WP\_034657307.1 & WP\_005530848.1)
- Bifidobacterium ruminantium DSM 6489 (TA-Like pair: WP\_026646602.1 & WP\_033498981.1)
- Bifidobacterium avesanii (TA-Like pair: WP\_152349729.1 & WP\_152349765.1)
- Asticcacaulis excentricus CB 48 (TA-Like pair: WP\_013477566.1 & WP\_013477567.1)
- Glycomyces buryatensis (TA-Like pair: WP\_136532575.1 & WP\_136532574.1)



\*\* For the description of flanking genes, please check this link: [http://130.235.240.53/NetFlax/T8\\_pdfs/D148.txt](http://130.235.240.53/NetFlax/T8_pdfs/D148.txt)