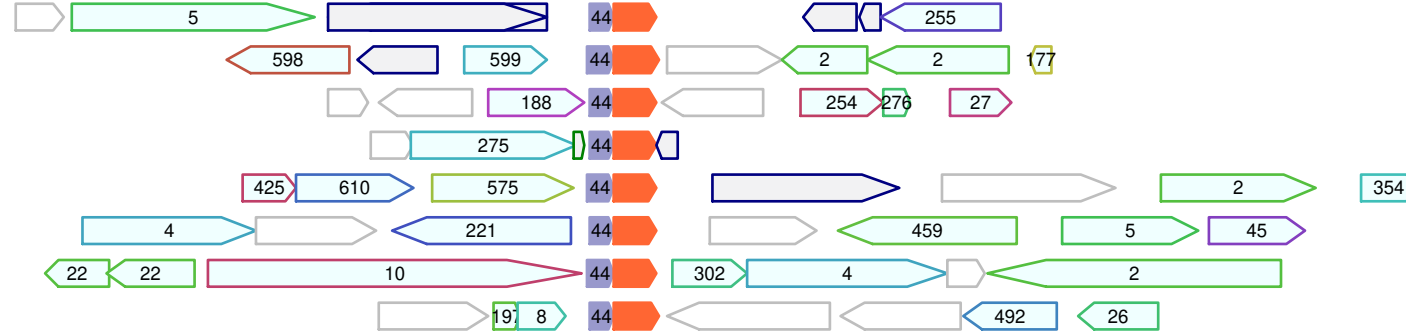


Predicted Toxin (Red Pentagon) Domain ID: D128  
-- RefSeq Protein Description: type II toxin-antitoxin system VapC family toxin  
-- TADB Annotation: Possible toxin VapC10; PubMed: 20011113  
-- NCBI-CDD Annotation: PIN\_VapC4-5\_FitB-like  
-- HHpred(Pfam) Annotation: DUF4411 ; Domain of unknown function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

Predicted Antitoxin (Blue Pentagon) Domain ID: D157  
-- RefSeq Protein Description: antitoxin  
-- TADB Annotation: No Hit  
-- NCBI-CDD Annotation: No Hit  
-- HHpred(Pfam) Annotation: DUF6364 ; Family of unknown function (DUF6364) (95.28%)  
-- HHpred(PDB) Annotation: Putative uncharacterized protein (92.24%)

Treponema putidum (TA-Like pair: WP\_002668190.1 & WP\_044977328.1)  
Gordonibacter massiliensis (TA-Like pair: WP\_080144821.1 & WP\_185904927.1)  
Agitococcus lubricus (TA-Like pair: WP\_107864200.1 & WP\_107864201.1)  
Thermus tengchongensis (TA-Like pair: WP\_135343032.1 & WP\_135343031.1)  
Adlercreutzia equolifaciens DSM 19450 (TA-Like pair: WP\_022740633.1 & WP\_022740632.1)  
Desulfovibrio alkalitolerans DSM 16529 (TA-Like pair: WP\_020887689.1 & WP\_020887690.1)  
Polaromonas eurypsychrophila (TA-Like pair: WP\_188709805.1 & WP\_188709806.1)  
Treponema vincentii F0403 (TA-Like pair: WP\_006189240.1 & WP\_006189239.1)



\*\* For the description of flanking genes, please check this link: [http://130.235.240.53/NetFlax/T8\\_pdfs/D157.txt](http://130.235.240.53/NetFlax/T8_pdfs/D157.txt)