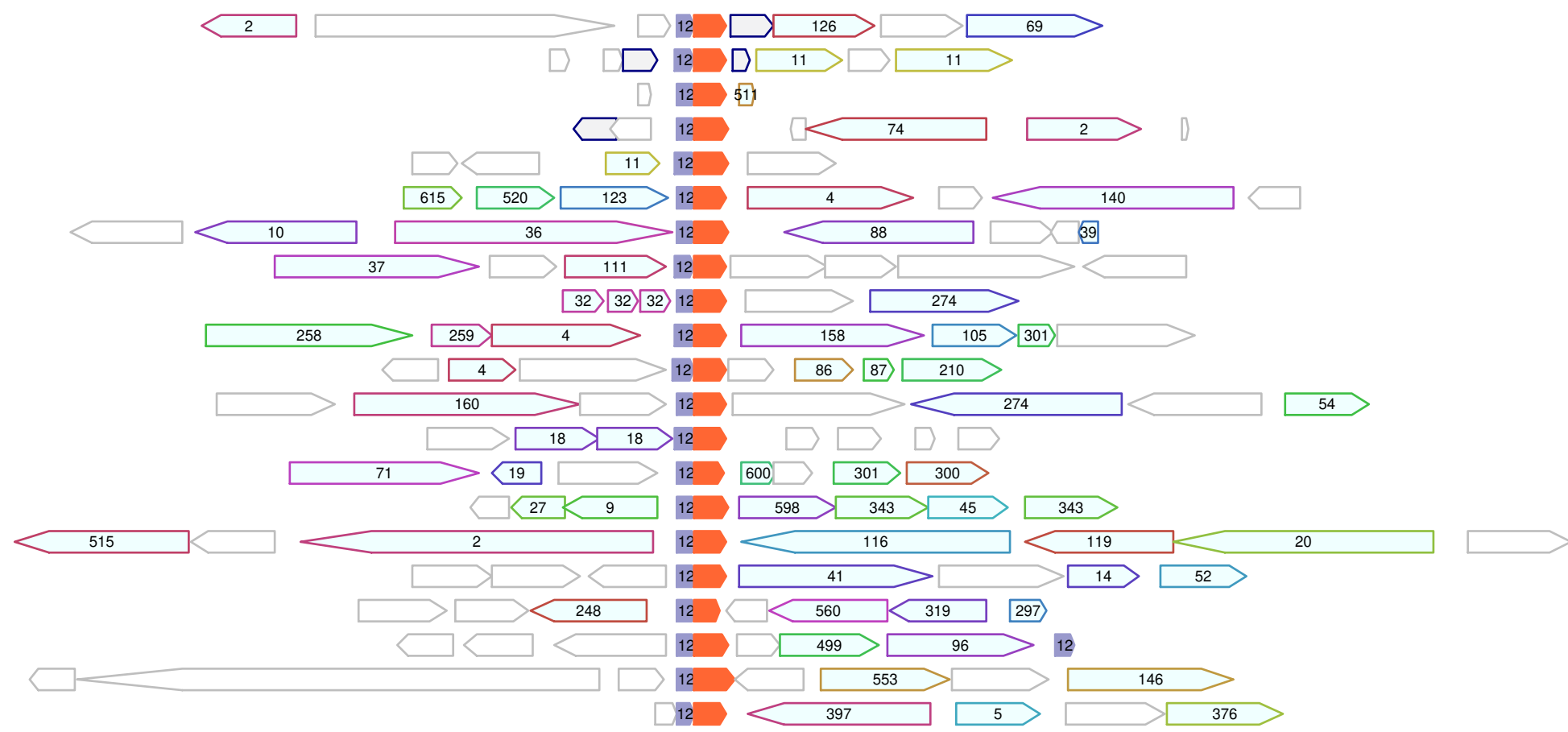


Predicted Toxin (Red Pentagon) Domain ID: D128  
-- RefSeq Protein Description: type II toxin-antitoxin system VapC family toxin  
-- TADB Annotation: Possible toxin VapC10; PubMed: 20011113  
-- NCBI-CDD Annotation: PIN\_VapC4-5\_FitB-like  
-- HHpred(Pfam) Annotation: DUF4411 ; Domain of unknown function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

Predicted Antitoxin (Blue Pentagon) Domain ID: D146  
-- RefSeq Protein Description: hypothetical protein  
-- TADB Annotation: No Hit  
-- NCBI-CDD Annotation: No Hit  
-- HHpred(Pfam) Annotation: No Hit  
-- HHpred(PDB) Annotation: No Hit

- Pedobacter petrophilus (TA-Like pair: WP\_154280393.1 & WP\_154280392.1)  
Thiomicrospira cyclica ALM1 (TA-Like pair: WP\_013835461.1 & WP\_013835460.1)  
Hydrogenimonas thermophila (TA-Like pair: WP\_092914365.1 & WP\_092914367.1)  
Flaviumibacter stibioxidans (TA-Like pair: WP\_187257982.1 & WP\_187257983.1)  
Pedobacter westerhofensis (TA-Like pair: WP\_142528126.1 & WP\_142528127.1)  
Arcicella aurantiaca (TA-Like pair: WP\_109741261.1 & WP\_109741260.1)  
Pedobacter miscanthi (TA-Like pair: WP\_113951040.1 & WP\_113951041.1)  
Mucilaginibacter gotjawali (TA-Like pair: WP\_096354461.1 & WP\_096354460.1)  
Parafilimonas terrae (TA-Like pair: WP\_090663285.1 & WP\_090663288.1)  
Mucilaginibacter ginsenosidivorax (TA-Like pair: WP\_147051682.1 & WP\_147051683.1)  
Pedobacter psychrophilus (TA-Like pair: WP\_068821670.1 & WP\_068821669.1)  
Segetibacter aerophilus (TA-Like pair: WP\_147205124.1 & WP\_147205123.1)  
Deminuibacter soli (TA-Like pair: WP\_116847184.1 & WP\_116847185.1)  
Lewinella lacunae (TA-Like pair: WP\_187467031.1 & WP\_187467030.1)  
Fulviriga imtechensis AK7 (TA-Like pair: WP\_040496914.1 & WP\_040496915.1)  
Pelobium manganitolerans (TA-Like pair: WP\_120181316.1 & WP\_120181315.1)  
Segetibacter aerophilus (TA-Like pair: WP\_147204083.1 & WP\_147204084.1)  
Mucilaginibacter paludis DSM 18603 (TA-Like pair: WP\_008507720.1 & WP\_008507719.1)  
Mariniradius saccharolyticus AK6 (TA-Like pair: WP\_157198501.1 & WP\_040480015.1)  
Desulfonauticus submarinus (TA-Like pair: WP\_092065359.1 & WP\_092065361.1)  
Algoriphagus faecimaris (TA-Like pair: WP\_169712759.1 & WP\_169712758.1)



\*\* For the description of flanking genes, please check this link: [http://130.235.240.53/NetFlax/T8\\_pdfs/D146.txt](http://130.235.240.53/NetFlax/T8_pdfs/D146.txt)