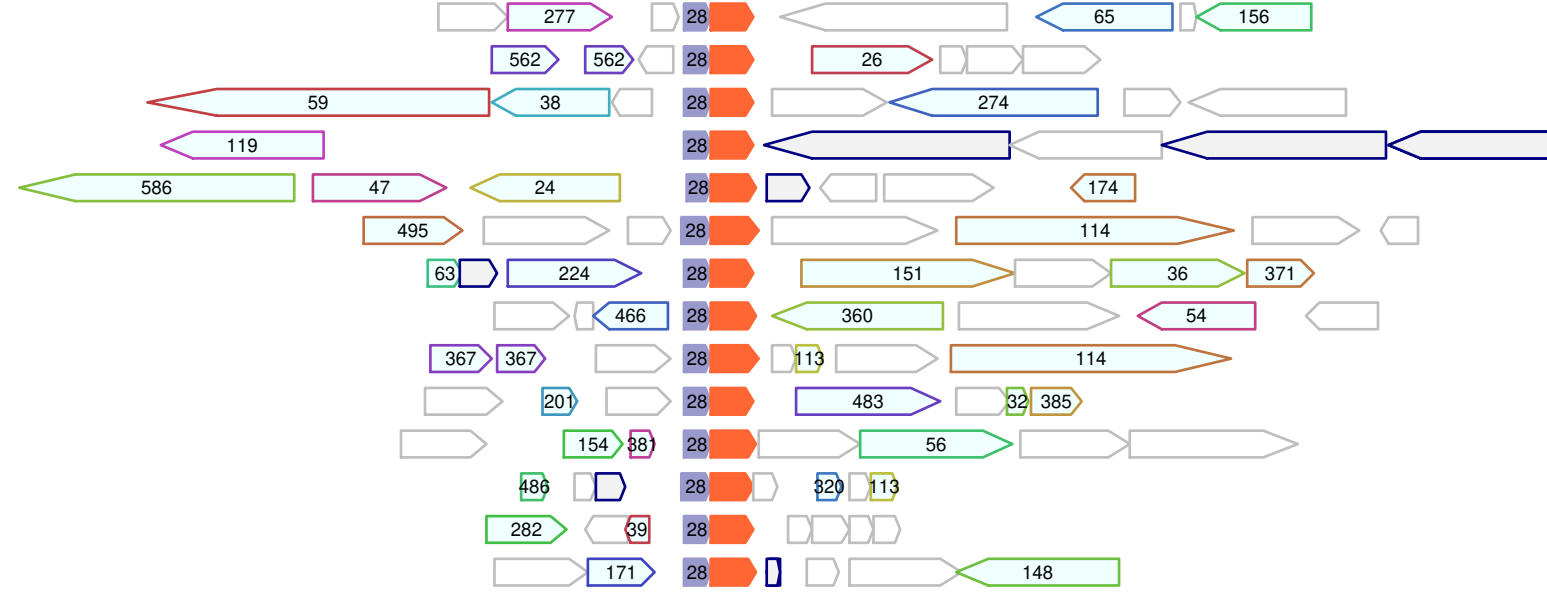


Predicted Toxin (Red Pentagon) Domain ID: D128
-- RefSeq Protein Description: type II toxin-antitoxin system VapC family toxin
-- TADB Annotation: Possible toxin VapC10; PubMed: 20011113
-- NCBI-CDD Annotation: PIN_VapC4-5_FitB-like
-- HHpred(Pfam) Annotation: DUF4411 ; Domain of unknown function (DUF4411)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

Predicted Antitoxin (Blue Pentagon) Domain ID: D154
-- RefSeq Protein Description: hypothetical protein
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: No Hit
-- HHpred(Pfam) Annotation: No Hit
-- HHpred(PDB) Annotation: Cytochrome c552 (67.46%)

- Rhodonellum psychrophilum GCM71 DSM 17998 (TA-Like pair: WP_019599373.1 & WP_019599372.1)
Capnocytophaga sputigena (TA-Like pair: WP_126371536.1 & WP_126371538.1)
Dyadobacter arcticus (TA-Like pair: WP_167272722.1 & WP_167272720.1)
Bacteroides rodentium JCM 16496 (TA-Like pair: WP_128809372.1 & WP_025831633.1)
Runella defluvii (TA-Like pair: WP_183973998.1 & WP_183974002.1)
Hymenobacter amundsenii (TA-Like pair: WP_088463945.1 & WP_088463944.1)
Parabacteroides distasonis ATCC 8503 (TA-Like pair: WP_005859159.1 & WP_005859157.1)
Phaeodactylibacter xiamenensis (TA-Like pair: WP_044222485.1 & WP_044222482.1)
Hymenobacter psychrotolerans DSM 18569 (TA-Like pair: WP_073284679.1 & WP_073284682.1)
Flavobacterium akiainvivens (TA-Like pair: WP_054408783.1 & WP_074961686.1)
Parabacteroides acidifaciens (TA-Like pair: WP_115499276.1 & WP_115499277.1)
Desulfonatronospira thiodismutans ASO3 1 (TA-Like pair: WP_008871789.1 & WP_161598705.1)
Candidatus Methanoperedens nitroreducens (TA-Like pair: WP_048093031.1 & WP_048093029.1)
Bacteroides stercorisoris (TA-Like pair: WP_025834394.1 & WP_117987903.1)



** For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/T8_pdfs/D154.txt