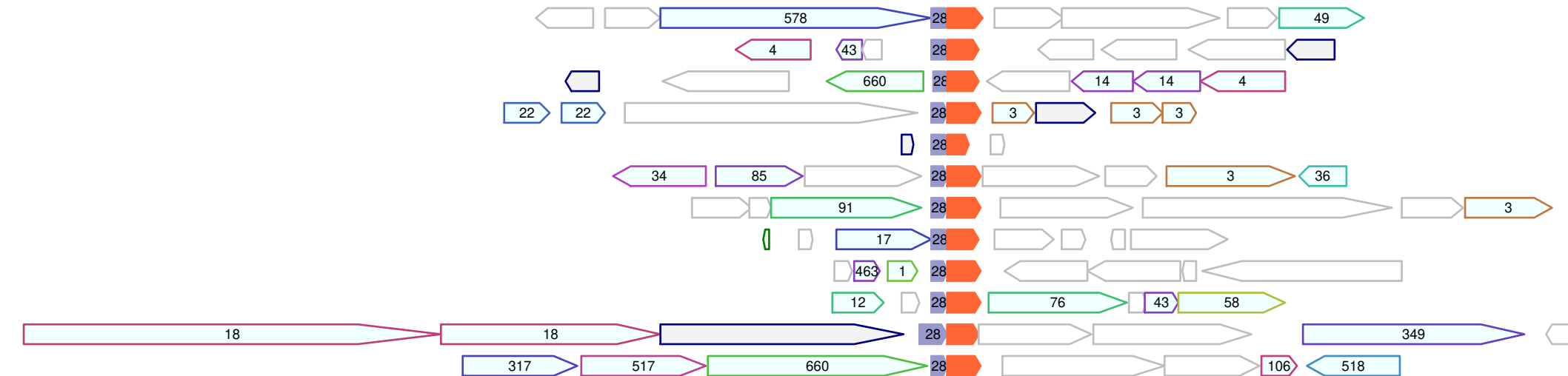


Predicted Toxin (Red Pentagon) Domain ID: D54  
-- RefSeq Protein Description: PIN domain-containing protein  
-- TADB Annotation: No Hit  
-- NCBI-CDD Annotation: PIN\_VapC-like  
-- HHpred(Pfam) Annotation: PIN\_2 ; PIN domain (97.31%)  
-- HHpred(PDB) Annotation: 23S rRNA-specific endonuclease VapC20 (98.02%)

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

- Candidatus Contendobacter odensis Run B J11 (TA-Like pair: WP\_034431103.1 & WP\_034431104.1)  
Methylovulum psychrotolerans (TA-Like pair: WP\_088617872.1 & WP\_088617871.1)  
Candidatus Accumulibacter phosphatis clade IIA str UW 1 (TA-Like pair: WP\_015766176.1 & WP\_015766175.1)  
Methylovulum miyakonense HT12 (TA-Like pair: WP\_040572917.1 & WP\_019865245.1)  
Lamprobacter modestohalophilus (TA-Like pair: WP\_200252602.1 & WP\_200252599.1)  
Allochromatium humboldtianum (TA-Like pair: WP\_176976650.1 & WP\_176976649.1)  
Lamprobacter modestohalophilus (TA-Like pair: WP\_200249264.1 & WP\_200249263.1)  
Methylocaldum szegediense O 12 (TA-Like pair: WP\_026610782.1 & WP\_026610781.1)  
Candidatus Thiodictyon syntrophicum (TA-Like pair: WP\_100920068.1 & WP\_100920067.1)  
Allochromatium vinosum DSM 180 (TA-Like pair: WP\_012979573.1 & WP\_012979574.1)  
Candidatus Methylobacter oryzae (TA-Like pair: WP\_196240040.1 & WP\_127028455.1)  
Thiobaca trueperi (TA-Like pair: WP\_132978213.1 & WP\_132978214.1)



\*\* For the description of flanking genes, please check this link: [http://130.235.240.53/NetFlax/T8\\_pdfs/D109.txt](http://130.235.240.53/NetFlax/T8_pdfs/D109.txt)