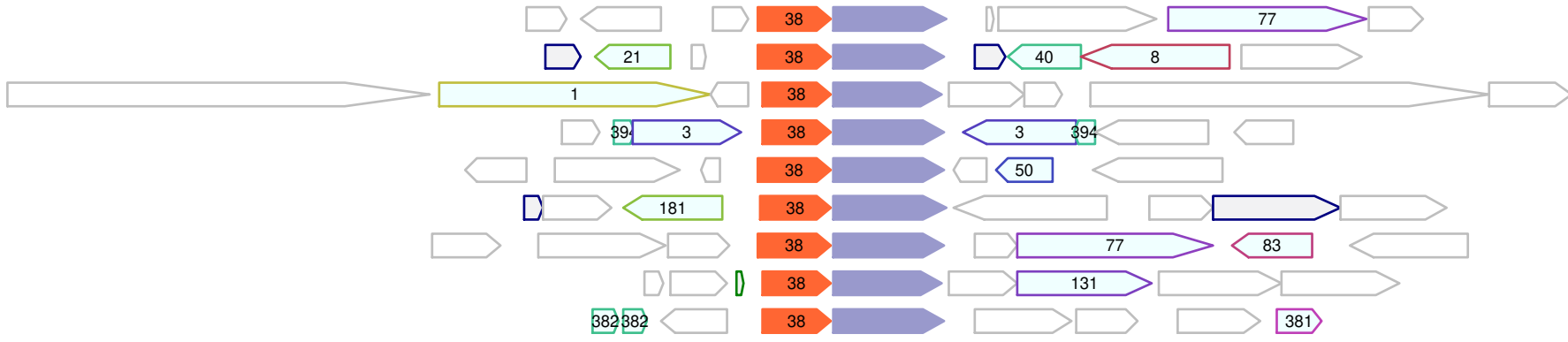


Predicted Antitoxin (Blue Pentagon) Domain ID: D25  
-- RefSeq Protein Description: ImmA/IrrE family metallo-endopeptidase  
-- TADB Annotation: No Hit  
-- NCBI-CDD Annotation: Peptidase\_M78  
-- HHpred(Pfam) Annotation: Peptidase\_M78 ; IrrE N-terminal-like domain (99.11%)  
-- HHpred(PDB) Annotation: IRRE PROTEIN (99.28%)

Predicted Toxin (Red Pentagon) Domain ID: D66  
-- RefSeq Protein Description: hypothetical protein  
-- TADB Annotation: No Hit  
-- NCBI-CDD Annotation: No Hit  
-- HHpred(Pfam) Annotation: DUF5986 ; Family of unknown function (DUF5986) (99.31%)  
-- HHpred(PDB) Annotation: No Hit

- Paenibacillus pabuli (TA-Like pair: WP\_111621258.1 & WP\_110002042.1)
- Bacillus azotoformans MEV2011 (TA-Like pair: WP\_152551233.1 & WP\_035195208.1)
- Streptococcus ovis DSM 16829 (TA-Like pair: WP\_018377627.1 & WP\_018377628.1)
- Enterococcus gallinarum (TA-Like pair: WP\_195958042.1 & WP\_195958043.1)
- Marinilactibacillus psychrotolerans (TA-Like pair: WP\_192982898.1 & WP\_138472998.1)
- Staphylococcus pseudintermedius (TA-Like pair: WP\_129944133.1 & WP\_115807176.1)
- Lactobacillus hokkaidonensis JCM 18461 (TA-Like pair: WP\_041092237.1 & WP\_162182088.1)
- Carnobacterium gallinarum DSM 4847 (TA-Like pair: WP\_034564764.1 & WP\_034564766.1)
- Pontibacillus salipaludis (TA-Like pair: WP\_188650968.1 & WP\_188650966.1)



\*\* For the description of flanking genes, please check this link: [http://130.235.240.53/NetFlax/T8\\_pdfs/D66.txt](http://130.235.240.53/NetFlax/T8_pdfs/D66.txt)