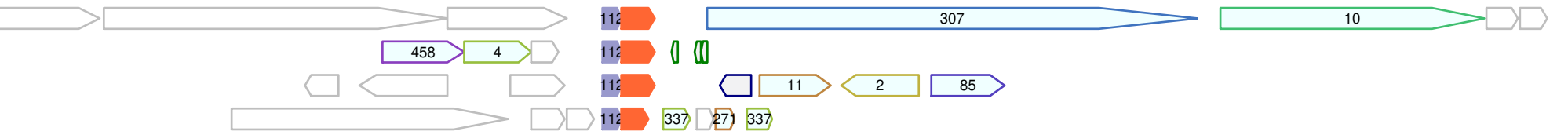


Predicted Toxin (Red Pentagon) Domain ID: D128  
 -- RefSeq Protein Description: type II toxin-antitoxin system VapC family toxin  
 -- TADB Annotation: Possible toxin VapC10; PubMed: 20011113  
 -- NCBI-CDD Annotation: PIN\_VapC4-5\_FitB-like  
 -- HHpred(Pfam) Annotation: DUF4411 ; Domain of unknown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

Predicted Antitoxin (Blue Pentagon) Domain ID: M211  
 -- RefSeq Protein Description: hypothetical protein  
 -- TADB Annotation: No Hit  
 -- NCBI-CDD Annotation: No Hit  
 -- HHpred(Pfam) Annotation: Lipocalin\_2 ; Lipocalin-like domain (57.03%)  
 -- HHpred(PDB) Annotation: 26S proteasome regulatory subunit RPN10 (68.31%)

Paenibacillus lycopersici (TA-Like pair: WP\_162355425.1 & WP\_162355426.1)  
 Paenibacillus piri (TA-Like pair: WP\_133235913.1 & WP\_133235915.1)  
 Acidibacillus ferrooxidans (TA-Like pair: WP\_067560703.1 & WP\_067560701.1)  
 Thermicanus aegyptius DSM 12793 (TA-Like pair: WP\_028987913.1 & WP\_169729995.1)



\*\* For the description of flanking genes, please check this link: [http://130.235.240.53/NetFlax/Mini\\_pdfs/M211.txt](http://130.235.240.53/NetFlax/Mini_pdfs/M211.txt)