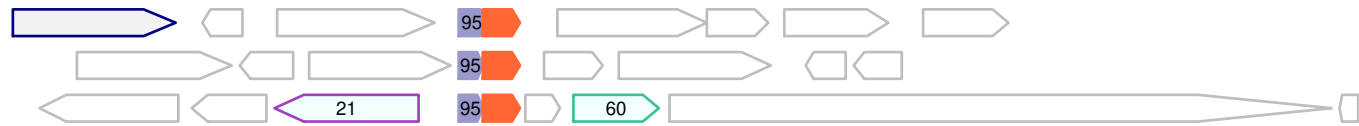


Predicted Toxin (Red Pentagon) Domain ID: D10  
-- RefSeq Protein Description: type II toxin-antitoxin system PemK/MazF family toxin  
-- TADB Annotation: Toxin MazF9; PubMed: 19016878  
-- NCBI-CDD Annotation: PemK\_toxin superfamily  
-- HHpred(Pfam) Annotation: CcdB ; CcdB protein (94.11%)  
-- HHpred(PDB) Annotation: beta-glucosidase 1317 (96.28%)

Predicted Antitoxin (Blue Pentagon) Domain ID: M38  
-- RefSeq Protein Description: hypothetical protein  
-- TADB Annotation: No Hit  
-- NCBI-CDD Annotation: No Hit  
-- HHpred(Pfam) Annotation: DUF6290 ; Family of unknown function (DUF6290) (90.54%)  
-- HHpred(PDB) Annotation: mRNA interferase EndoA (94.11%)

Botryobacter ruber (TA-Like pair: WP\_114784802.1 & WP\_114784800.1)  
Chryseobacterium xixisoli (TA-Like pair: WP\_133942744.1 & WP\_133942743.1)  
Pricia antarctica (TA-Like pair: WP\_091866967.1 & WP\_091866969.1)



\*\* For the description of flanking genes, please check this link: [http://130.235.240.53/NetFlax/Mini\\_pdfs/M38.txt](http://130.235.240.53/NetFlax/Mini_pdfs/M38.txt)