Predicted Toxin (Red Pentagon) Domain ID: D53
-- RefSeq Protein Description: type II toxin-antitoxin system RelE/ParE family toxin
-- TADB Annotation: Possible toxin ParE1; PubMed: 19016878
-- NCBI-CDD Annotation: ParE
-- HHpred(Pfam) Annotation: ParE_toxin ; ParE toxin of type II toxin-antitoxin system, parDE (97.21%)
-- HHpred(PDB) Annotation: Toxin protein parE-1, Antitoxin protein (98.97%)

Predicted Antitoxin (Blue Pentagon) Domain ID: M110
-- RefSeq Protein Description: hypothetical protein
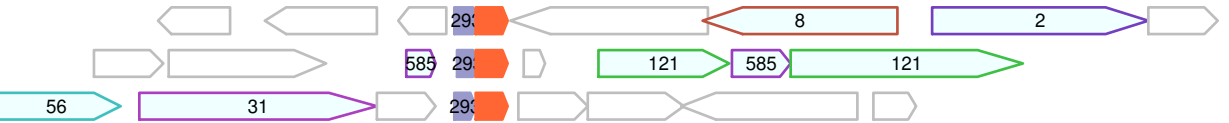-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: No Hit
-- HHpred(Pfam) Annotation: DUF1700 ; Protein of unknown function (DUF1700) (68.51%)
-- HHpred(PDB) Annotation: No Hit

Rhodoplanes roseus (TA-Like pair: WP_111419804.1 & WP_111419793.1)
Bradyrhizobium manausense (TA-Like pair: WP_157083606.1 & WP_057750371.1)
Mesorhizobium ephedrae (TA-Like pair: WP_106774756.1 & WP_106774755.1)

** For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/Mini_pdfs/M110.txt