

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: M65

-- RefSeq Protein Description: restriction endonuclease

-- TADB Annotation: No Hit

-- NCBI-CDD Annotation: No Hit

-- HHpred(Pfam) Annotation: DUF2034 ; Protein of unknown function (DUF2034) (90.72%)

-- HHpred(PDB) Annotation: Can2/RNA Complex (83.50%)

Chryseobacterium rhizoplanae (TA-Like pair: WP\_142718399.1 & WP\_167498865.1)

Roseibaca ekhonensis (TA-Like pair: WP\_183073491.1 & WP\_183073492.1)

Longimicrobium terrae (TA-Like pair: WP\_170037724.1 & WP\_170037722.1)



\*\* For the description of flanking genes, please check this link: [http://130.235.240.53/NetFlax/Mini\\_pdfs/M65.txt](http://130.235.240.53/NetFlax/Mini_pdfs/M65.txt)