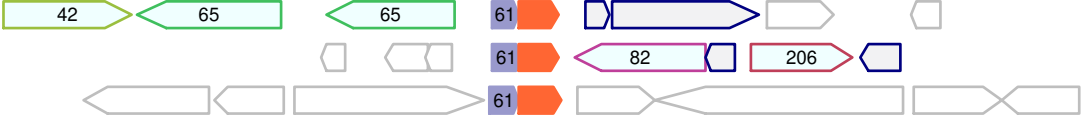


Predicted Toxin (Red Pentagon) Domain ID: D54
-- RefSeq Protein Description: PIN domain-containing protein
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: PIN_VapC-like
-- HHpred(Pfam) Annotation: PIN_2 ; PIN domain (97.31%)
-- HHpred(PDB) Annotation: 23S rRNA-specific endonuclease VapC20 (98.02%)

Predicted Antitoxin (Blue Pentagon) Domain ID: M103
-- RefSeq Protein Description: AbrB/MazE/SpoVT family DNA-binding domain-containing protein
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: SpoVT_AbrB
-- HHpred(Pfam) Annotation: MraZ ; MraZ protein, putative antitoxin-like (96.84%)
-- HHpred(PDB) Annotation: Transcriptional regulator, AbrB family (97.46%)

Metallosphaera hakonensis JCM 8857 DSM 7519 (TA-Like pair: WP_054836289.1 & WP_054836288.1)
Saccharolobus solfataricus P2 (TA-Like pair: WP_009991915.1 & WP_009991912.1)
Pyrococcus abyssi GE5 (TA-Like pair: WP_048147180.1 & WP_010868840.1)



** For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/Mini_pdfs/M103.txt