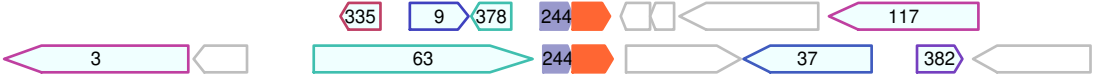


Predicted Toxin (Red Pentagon) Domain ID: D45
-- RefSeq Protein Description: type II toxin-antitoxin system PemK/MazF family toxin
-- TADB Annotation: ppGpp-regulated growth inhibitor ChpA/MazF; PubMed: 12718874
-- NCBI-CDD Annotation: PemK_toxin superfamily
-- HHpred(Pfam) Annotation: PemK_toxin ; PemK-like, MazF-like toxin of type II toxin-antitoxin system (98.97%)
-- HHpred(PDB) Annotation: PemK-like cell growth regulatory protein (98.65%)

Predicted Antitoxin (Blue Pentagon) Domain ID: M107
-- RefSeq Protein Description: hypothetical protein
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: No Hit
-- HHpred(Pfam) Annotation: No Hit
-- HHpred(PDB) Annotation: Prevent host death protein (91.14%)

Magnetospirillum moscoviense (TA-Like pair: WP_068503311.1 & WP_068503314.1)
Azospirillum lipoferum 4B (TA-Like pair: WP_014248955.1 & WP_014248956.1)



** For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/Mini_pdfs/M107.txt