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%) Predicted Antitoxin (Blue Pentagon) Domain ID: M143

-- RefSeq Protein Description: recombinase family protein

-- TADB Annotation: No Hit

-- NCBI-CDD Annotation: Resolvase

-- NCBI-CDD Annotation: Resolvase

-- HHpred(Pfam) Annotation: Resolvase; Resolvase, N terminal domain (97.71%)

-- HHpred(PDB) Annotation: TnpX (98.87%)

Acetatifactor muris (TA-Like pair: WP\_103242253.1 & WP\_103242269.1)

Anaeromassilibacillus senegalensis (TA-Like pair: WP\_050696801.1 & WP\_050696802.1)



<sup>\*</sup> For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/Mini\_pdfs/M143.txt