

Predicted Toxin (Red Pentagon) Domain ID: D45

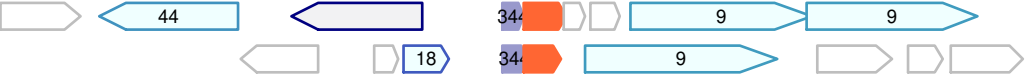
- RefSeq Protein Description: type II toxin-antitoxin system PemK/MazF family toxin
- TADB Annotation: ppGpp-regulated growth inhibitor ChpA/MazF; PubMed: 12718874
- NCBI-CDD Annotation: PemK\_toxin superfamily
- HHpred(Pfam) Annotation: PemK\_toxin ; PemK-like, MazF-like toxin of type II toxin-antitoxin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

Predicted Antitoxin (Blue Pentagon) Domain ID: M91

- RefSeq Protein Description: hypothetical protein
- TADB Annotation: No Hit
- NCBI-CDD Annotation: No Hit
- HHpred(Pfam) Annotation: No Hit
- HHpred(PDB) Annotation: No Hit

Coprobacillus cateniformis (TA-Like pair: WP\_008789967.1 & WP\_008789966.1)

Anaerofustis stercorihominis (TA-Like pair: WP\_138269474.1 & WP\_138269475.1)



\*\* For the description of flanking genes, please check this link: [http://130.235.240.53/NetFlax/Mini\\_pdfs/M91.txt](http://130.235.240.53/NetFlax/Mini_pdfs/M91.txt)