

Antitoxin (Blue Pentagon) Domain Name: PanA

Predicted Toxin (Red Pentagon) Domain ID: D12

-- RefSeq Protein Description: type II toxin-antitoxin system PemK/MazF family toxin

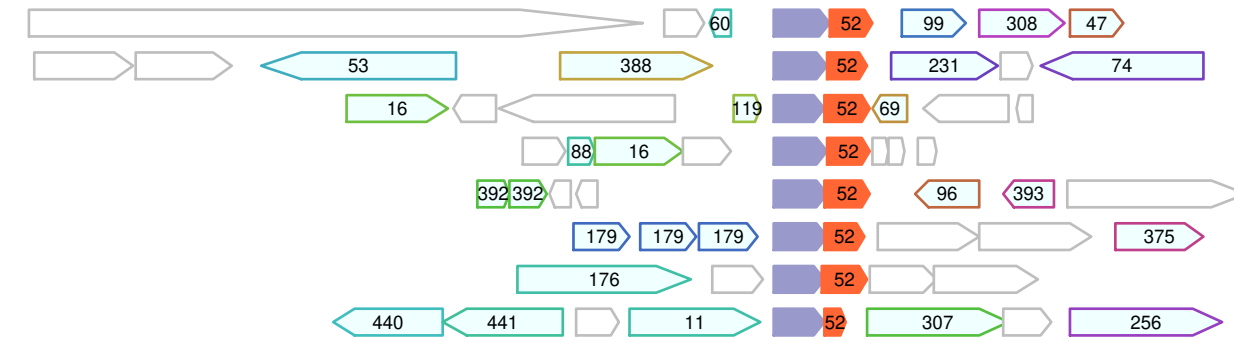
-- TADB Annotation: No Hit

-- NCBI-CDD Annotation: No Hit

-- HHpred(Pfam) Annotation: PemK\_toxin ; PemK-like, MazF-like toxin of type II toxin-antitoxin system (94.30%)

-- HHpred(PDB) Annotation: mRNA interferase EndoA (96.58%)

Staphylococcus microti (TA-Like pair: WP\_044360932.1 & WP\_044360931.1)  
Fusobacterium pseudoperiodonticum (TA-Like pair: WP\_099985793.1 & WP\_099986185.1)  
Bacillus sonorensis (TA-Like pair: WP\_088272707.1 & WP\_088272708.1)  
Listeria phage B025 (TA-Like pair: YP\_001468666.1 & YP\_001468667.1)  
Nosocomiicoccus massiliensis (TA-Like pair: WP\_102167454.1 & WP\_102167455.1)  
Streptobacillus ratti (TA-Like pair: WP\_072593116.1 & WP\_072593111.1)  
Streptobacillus hongkongensis (TA-Like pair: WP\_066896917.1 & WP\_066896915.1)  
Beduini massiliensis (TA-Like pair: WP\_041138018.1 & WP\_041138017.1)



\*\* For the description of flanking genes, please check this link: [http://130.235.240.53/NetFlax/T8\\_pdfs/D12.txt](http://130.235.240.53/NetFlax/T8_pdfs/D12.txt)