

Predicted Toxin (Red Pentagon) Domain ID: D6  
-- RefSeq Protein Description: type II toxin-antitoxin system death-on-curing family toxin  
-- TADB Annotation: No Hit  
-- NCBI-CDD Annotation: Fic superfamily\_Fic  
-- HHpred(Pfam) Annotation: Fic ; Fic/DOC family (87.67%)  
-- HHpred(PDB) Annotation: Death on curing protein, Prevent (97.17%)

Predicted Antitoxin (Blue Pentagon) Domain ID: M44  
-- RefSeq Protein Description: hypothetical protein  
-- TADB Annotation: No Hit  
-- NCBI-CDD Annotation: No Hit  
-- HHpred(Pfam) Annotation: CARMIL\_C ; CARMIL C-terminus (54.13%)  
-- HHpred(PDB) Annotation: UPF0062 protein MJ1593 (52.25%)

Lactobacillus parakefiri (TA-Like pair: WP\_057962456.1 & WP\_165758568.1)  
Lactobacillus kisonensis F0435 (TA-Like pair: WP\_008855450.1 & WP\_008855451.1)



\*\* For the description of flanking genes, please check this link: [http://130.235.240.53/NetFlax/Mini\\_pdfs/M44.txt](http://130.235.240.53/NetFlax/Mini_pdfs/M44.txt)