

Predicted Antitoxin (Blue Pentagon) Domain ID: D95

-- RefSeq Protein Description: site-specific integrase

-- TADB Annotation: No Hit

-- NCBI-CDD Annotation: Phage_int_SAM_3_DNA_BRE_C superfamily

-- HHpred(Pfam) Annotation: Phage_integr_3 ; Archaeal phage integrase (97.47%)

-- HHpred(PDB) Annotation: Int protein/DNA Complex (99.04%)

Predicted Toxin (Red Pentagon) Domain ID: M164

-- RefSeq Protein Description: hypothetical protein

-- TADB Annotation: No Hit

-- NCBI-CDD Annotation: DUF3488 superfamily

-- HHpred(Pfam) Annotation: DUF6111 ; Family of unknown function (DUF6111) (74.90%)

-- HHpred(PDB) Annotation: No Hit

Lactobacillus hominis (TA-Like pair: WP_147614501.1 & WP_008470986.1)

Lactobacillus johnsonii (TA-Like pair: WP_192006380.1 & WP_192006378.1)



description of flanking genes, please check this link: http://130.235.240.53/NetFlax/Mini_pdfs/M164.txt