

Predicted Antitoxin (Blue Pentagon) Domain ID: D25

-- RefSeq Protein Description: ImmA/IrrE family metallo-endopeptidase

-- TADB Annotation: No Hit

-- NCBI-CDD Annotation: Peptidase_M78

-- HHpred(Pfam) Annotation: Peptidase_M78 ; IrrE N-terminal-like domain (99.11%)

-- HHpred(PDB) Annotation: IRRE PROTEIN (99.28%)

Predicted Toxin (Red Pentagon) Domain ID: D61

-- RefSeq Protein Description: hypothetical protein phiCT9441A_31 (endogenous virus)

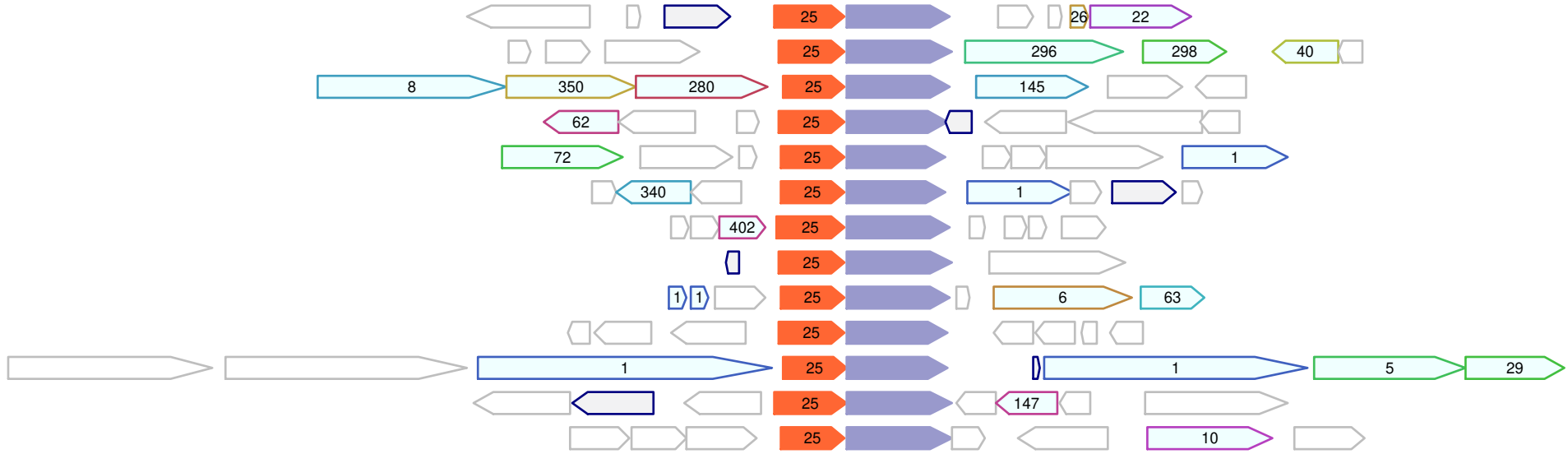
-- TADB Annotation: No Hit

-- NCBI-CDD Annotation: No Hit

-- HHpred(Pfam) Annotation: DUF5986 ; Family of unknown function (DUF5986) (98.52%)

-- HHpred(PDB) Annotation: No Hit

Tumebacillus permanentifrigoris (TA-Like pair: WP_109687525.1 & WP_109687523.1)
Desulfofarcimen acetoxidans DSM 771 (TA-Like pair: WP_015757745.1 & WP_015757744.1)
Oceanobacillus chungangensis (TA-Like pair: WP_115749599.1 & WP_115749598.1)
Faecalibacterium prausnitzii (TA-Like pair: WP_035393615.1 & WP_035393613.1)
Virgibacillus dakarensis (TA-Like pair: WP_155554845.1 & WP_155554846.1)
Lactobacillus camelliae DSM 22697 JCM 13995 (TA-Like pair: WP_056989858.1 & WP_056989859.1)
Clostridium phage phiCT9441A (TA-Like pair: YP_009219396.1 & YP_009219397.1)
Bacillus sporothermodurans (TA-Like pair: WP_142406496.1 & WP_107921410.1)
Alkaliphilus pronyensis (TA-Like pair: WP_151862350.1 & WP_151862351.1)
Clostridium magnum DSM 2767 (TA-Like pair: WP_066622542.1 & WP_066622540.1)
Brachyspira hampsonii (TA-Like pair: WP_069731681.1 & WP_069731680.1)
Dialister hominis (TA-Like pair: WP_143332694.1 & WP_143332695.1)
Eubacterium aggregans (TA-Like pair: WP_090304072.1 & WP_090304070.1)



** For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/T8_pdfs/D61.txt