

Predicted Toxin (Red Pentagon) Domain ID: D127

-- RefSeq Protein Description: helix-turn-helix domain-containing protein

-- TADB Annotation: No Hit

-- NCBI-CDD Annotation: HTH_17

-- HHpred(Pfam) Annotation: DUF3853 ; Protein of unknown function (DUF3853) (95.77%)

-- HHpred(PDB) Annotation: Excisionase from transposon Tn916 (96.33%)

Predicted Antitoxin (Blue Pentagon) Domain ID: M181

-- RefSeq Protein Description: phage repressor protein

-- TADB Annotation: No Hit

-- NCBI-CDD Annotation: COG3617 superfamily

-- HHpred(Pfam) Annotation: P22_AR_N ; P22_AR N-terminal domain (97.55%)

-- HHpred(PDB) Annotation: No Hit

Oceanobacillus caeni (TA-Like pair: WP_060668244.1 & WP_060668243.1)

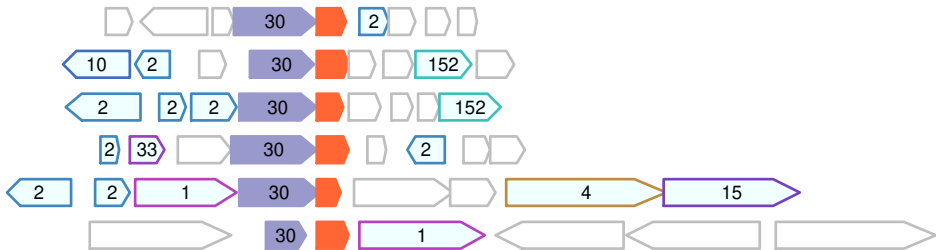
Planifilum fimeticola (TA-Like pair: WP_106346088.1 & WP_170070533.1)

Caldicellulosiruptor owensensis OL (TA-Like pair: WP_013411772.1 & WP_013411773.1)

Alicyclobacillus vulcanalis (TA-Like pair: WP_076346979.1 & WP_084182541.1)

Acholeplasma laidlawii PG 8A (TA-Like pair: WP_012242533.1 & WP_012242534.1)

Acetobacterium malicum (TA-Like pair: WP_186894350.1 & WP_186894349.1)



For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/Mini_pdfs/M181.txt