

Antitoxin (Blue Pentagon) Domain Name: PanA

Predicted Toxin (Red Pentagon) Domain ID: M13

-- RefSeq Protein Description: hypothetical protein

-- 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 (64.98%)

-- HHpred(PDB) Annotation: Endoribonuclease MazF6/DNA Complex (94.33%)

Clostridium thermobutyricum (TA-Like pair: WP_195972622.1 & WP_195972621.1)

Virgibacillus oceani (TA-Like pair: WP_188453811.1 & WP_188453812.1)

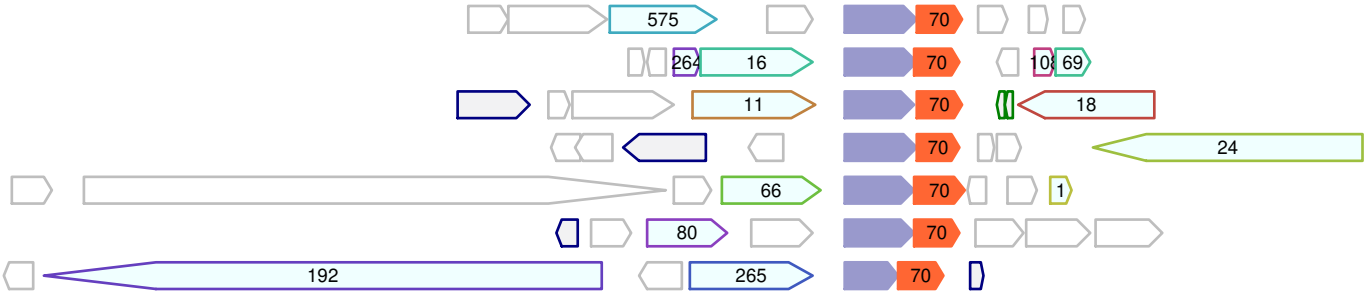
Thermosediminibacter litoriperuensis (TA-Like pair: WP_148867801.1 & WP_148867800.1)

Domibacillus indicus (TA-Like pair: WP_046176200.1 & WP_197076606.1)

Clostridium saudiense (TA-Like pair: WP_195952605.1 & WP_195952604.1)

Paenibacillus sophorae (TA-Like pair: WP_036588526.1 & WP_139210546.1)

Eubacterium oxidoreducens (TA-Like pair: WP_176762299.1 & WP_090172975.1)



** For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/Mini_pdfs/M13.txt