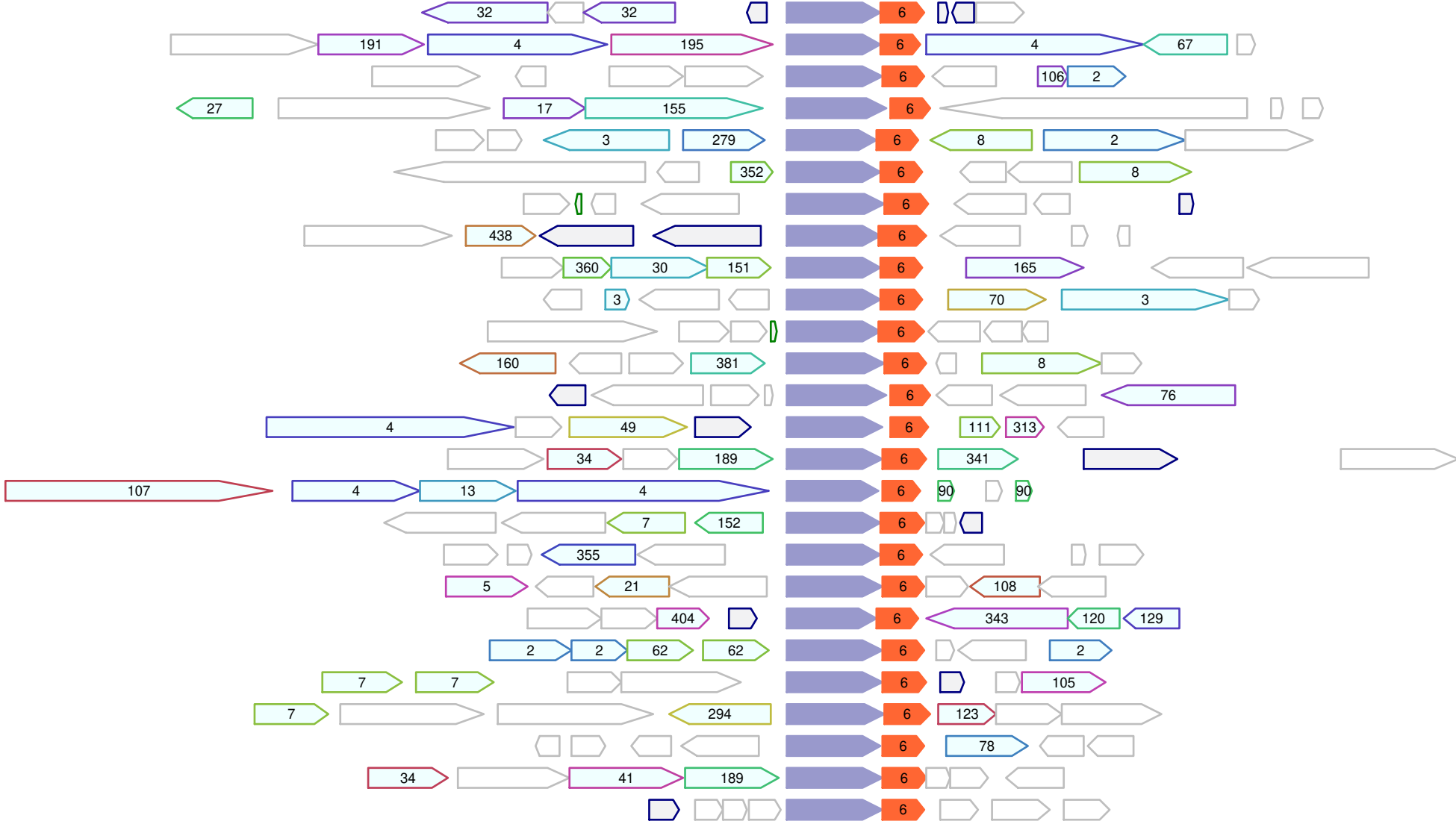


Predicted Antitoxin (Blue Pentagon) Domain ID: D29
-- RefSeq Protein Description: ATP-binding protein
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: AAA_21
-- HHpred(Pfam) Annotation: AAA_21 ; AAA domain, putative AbiEii toxin, Type IV TA system (98.89%)
-- HHpred(PDB) Annotation: DNA double-strand break repair rad50 (95.83%)

Predicted Toxin (Red Pentagon) Domain ID: D50
-- RefSeq Protein Description: N-6 DNA methylase
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: No Hit
-- HHpred(Pfam) Annotation: No Hit
-- HHpred(PDB) Annotation: No Hit

Succinimonas amylolytica DSM 2873 (TA-Like pair: WP_019003550.1 & WP_026297997.1)
Lactimicrobium massiliense (TA-Like pair: WP_108775091.1 & WP_108775090.1)
Lactobacillus equigenerosi DSM 18793 JCM 14505 (TA-Like pair: WP_054653872.1 & WP_153011005.1)
Lactobacillus salitolerans (TA-Like pair: WP_124976030.1 & WP_124976028.1)
Dielma fastidiosa (TA-Like pair: WP_022938684.1 & WP_022938683.1)
Staphylococcus cornubiensis (TA-Like pair: WP_086428703.1 & WP_086428702.1)
Trichococcus shcherbakoviae (TA-Like pair: WP_119092616.1 & WP_119092615.1)
Collinsella tanakaei (TA-Like pair: WP_187116508.1 & WP_009141563.1)
Companilactobacillus zhongbaensis (TA-Like pair: WP_125708915.1 & WP_125708913.1)
Adlercreutzia caecimuris (TA-Like pair: WP_016310015.1 & WP_150839244.1)
Centipeda periodontii DSM 2778 (TA-Like pair: WP_006305260.1 & WP_006305261.1)
Lactobacillus dongliensis (TA-Like pair: WP_137640675.1 & WP_137640674.1)
Bifidobacterium merycicum (TA-Like pair: WP_173552367.1 & WP_159046676.1)
Bifidobacterium italicum (TA-Like pair: WP_095612651.1 & WP_133064572.1)
Aerococcus urinaehominis (TA-Like pair: WP_067980606.1 & WP_067980608.1)
Bacillus urumqiensis (TA-Like pair: WP_181186193.1 & WP_142393243.1)
Bifidobacterium goeldii (TA-Like pair: WP_164514786.1 & WP_125981944.1)
Carnobacterium viridans (TA-Like pair: WP_176944064.1 & WP_035023453.1)
Oceanivirga miroungae (TA-Like pair: WP_156683813.1 & WP_156683814.1)
Holdemanella filiformis (TA-Like pair: WP_039864239.1 & WP_117893145.1)
Staphylococcus rostri (TA-Like pair: WP_103358346.1 & WP_103358345.1)
Acidaminococcus fermentans DSM 20731 (TA-Like pair: WP_012938129.1 & WP_012938130.1)
Olsenella timonensis (TA-Like pair: WP_075577283.1 & WP_075577282.1)
Ileibacterium valens (TA-Like pair: WP_075820725.1 & WP_075820726.1)
Kurthia zopfii (TA-Like pair: WP_126343148.1 & WP_126343152.1)
Peptoniphilus catoniae (TA-Like pair: WP_180339320.1 & WP_138158763.1)



** For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/T8_pdfs/D50.txt