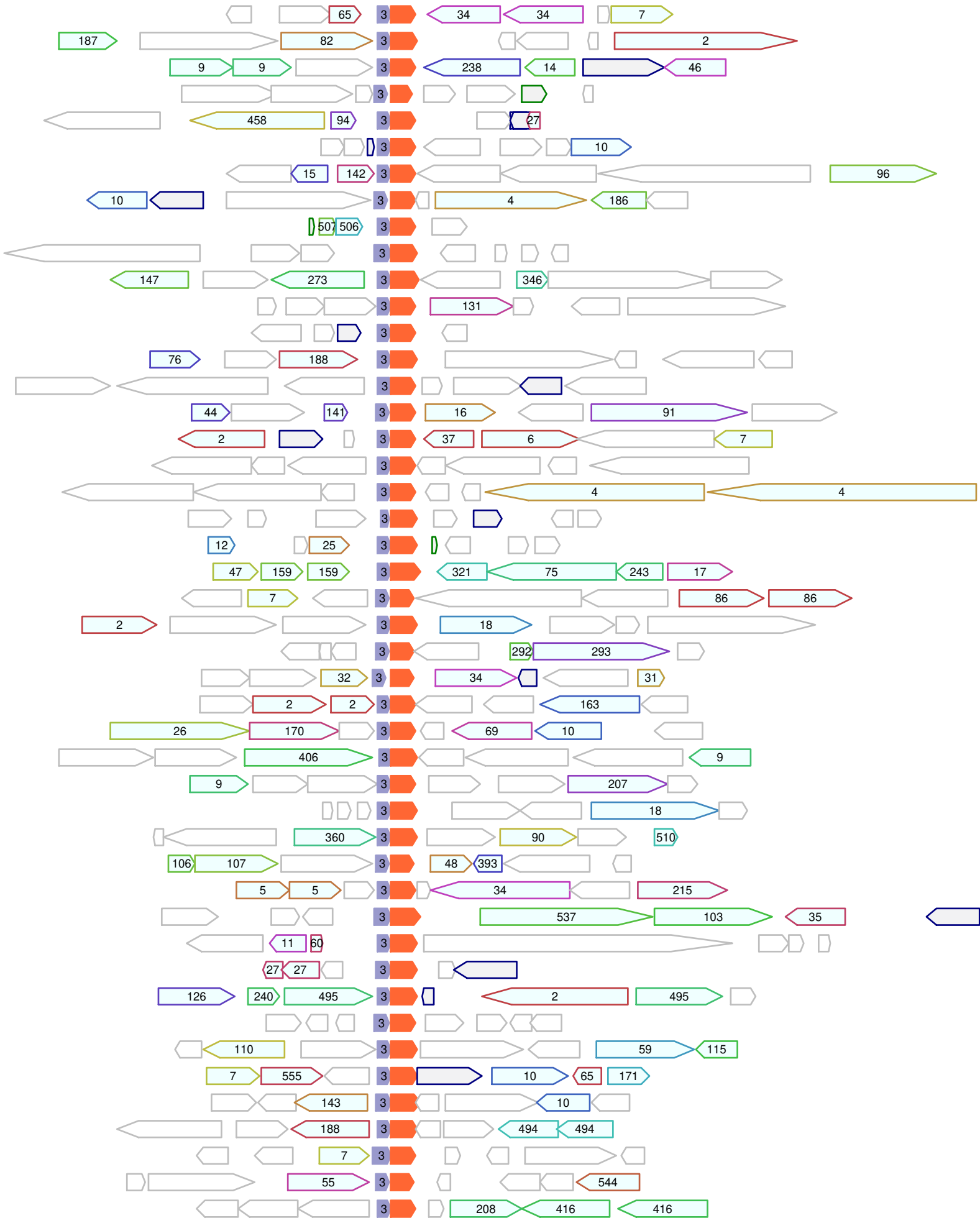


Predicted Toxin (Red Pentagon) Domain ID: D6
-- RefSeq Protein Description: type II toxin-antitoxin system death-on-curing family toxin
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: Fic superfamily_Fic
-- HHpred(Pfam) Annotation: Fic ; Fic/DOC family (87.67%)
-- HHpred(PDB) Annotation: Death on curing protein, Prevent (97.17%)

Predicted Antitoxin (Blue Pentagon) Domain ID: D26
-- RefSeq Protein Description: ribbon-helix-helix protein, CopG family
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: No Hit
-- HHpred(Pfam) Annotation: RHH_7 ; Transcriptional regulator, RHH-like, CopG (83.27%)
-- HHpred(PDB) Annotation: MNT REPRESSOR MUTANT WITH C-TERMINAL (90.49%)

Nocardia brevicatena NBRC 12119 (TA-Like pair: WP_040833173.1 & WP_040833174.1)
Streptomyces rubrogriseus (TA-Like pair: WP_030862426.1 & WP_109029851.1)
Glaciibacter superstes DSM 21135 (TA-Like pair: WP_026851844.1 & WP_022886799.1)
Nocardia panacis (TA-Like pair: WP_120042125.1 & WP_120042241.1)
Mycolicibacterium aromaticivorans JS19b1 JCM 16368 (TA-Like pair: WP_036348439.1 & WP_036348436.1)
Kutzneria albida DSM 43870 (TA-Like pair: WP_081789134.1 & WP_025353745.1)
Demequina aestuarii (TA-Like pair: WP_062132636.1 & WP_062132639.1)
Euzebya rosea (TA-Like pair: WP_108664249.1 & WP_108664347.1)
Planosporangium flavigriseum (TA-Like pair: WP_168079349.1 & WP_168079268.1)
Mycobacterium riyadhense (TA-Like pair: WP_085252680.1 & WP_085252681.1)
Kineosphaera limosa (TA-Like pair: WP_040562070.1 & WP_006591225.1)
Jiangella ureilytica (TA-Like pair: WP_131987706.1 & WP_131987708.1)
Kineococcus vitellinus (TA-Like pair: WP_166616858.1 & WP_166616857.1)
Corynebacterium cystitidis (TA-Like pair: WP_092256633.1 & WP_092256630.1)
Klenkia brasiliensis (TA-Like pair: WP_091061695.1 & WP_091059832.1)
Dermacoccus abyssi (TA-Like pair: WP_047310884.1 & WP_118914020.1)
Streptomyces diacarni (TA-Like pair: WP_114024327.1 & WP_114024328.1)
Mycobacterium paraffinicum (TA-Like pair: WP_065499170.1 & WP_065499172.1)
Cellulomonas composti (TA-Like pair: WP_146841522.1 & WP_146841523.1)
Gemmatirosa kalamazoonesis (TA-Like pair: WP_148306562.1 & WP_025414182.1)
Candidatus Microthrix parvicella RN1 (TA-Like pair: WP_012230069.1 & WP_012230067.1)
Nocardiopsis flavescens (TA-Like pair: WP_073376844.1 & WP_073376846.1)
Microbacterium testaceum StLB037 (TA-Like pair: WP_013584210.1 & WP_197535503.1)
Stieleria neptunia (TA-Like pair: WP_145385029.1 & WP_145385030.1)
Kitasatospora arboriphila (TA-Like pair: WP_030174768.1 & WP_198034764.1)
Nocardioides rubriscoriae (TA-Like pair: WP_148613249.1 & WP_148613371.1)
Schaalia odontolytica (TA-Like pair: WP_003797348.1 & WP_003797350.1)
Nesterenkonia massiliensis (TA-Like pair: WP_147640472.1 & WP_044496089.1)
Antribacter gilvus (TA-Like pair: WP_125773174.1 & WP_125773172.1)
Rothia halotolerans (TA-Like pair: WP_129657022.1 & WP_129657021.1)
Desertimonas flava (TA-Like pair: WP_116996582.1 & WP_116996495.1)
Saccharopolyspora flava (TA-Like pair: WP_093421002.1 & WP_093421000.1)
Actinomadura pelletieri DSM 43383 (TA-Like pair: WP_121434105.1 & WP_121434104.1)
Cellulomonas telluris (TA-Like pair: WP_187697841.1 & WP_136518128.1)
Mycolicibacterium doricum (TA-Like pair: WP_085191628.1 & WP_197913022.1)
Desulfamplus magnetovallimortis (TA-Like pair: WP_080797878.1 & WP_186441015.1)
Acidithrix ferrooxidans (TA-Like pair: WP_052606768.1 & WP_052606769.1)
Alienimonas chondri (TA-Like pair: WP_171184613.1 & WP_171184647.1)
Leekyejeonella antrihumi (TA-Like pair: WP_146321048.1 & WP_186526352.1)
Siphonobacter aquaeclarae (TA-Like pair: WP_093201740.1 & WP_093201742.1)
Tetrasphaera australiensis Ben110 (TA-Like pair: WP_048700329.1 & WP_048700332.1)
Leifsonia naganensis (TA-Like pair: WP_179699537.1 & WP_179699538.1)
Branchiibius hedensis (TA-Like pair: WP_170119908.1 & WP_109687605.1)
Geodermatophilus obscurus DSM 43160 (TA-Like pair: WP_166487280.1 & WP_012946947.1)
Nocardia cyriacigeorgica (TA-Like pair: WP_036539391.1 & WP_104898343.1)
Krasilnikovia cinnamomea (TA-Like pair: WP_130508948.1 & WP_130508947.1)



** For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/T8_pdfs/D26.txt