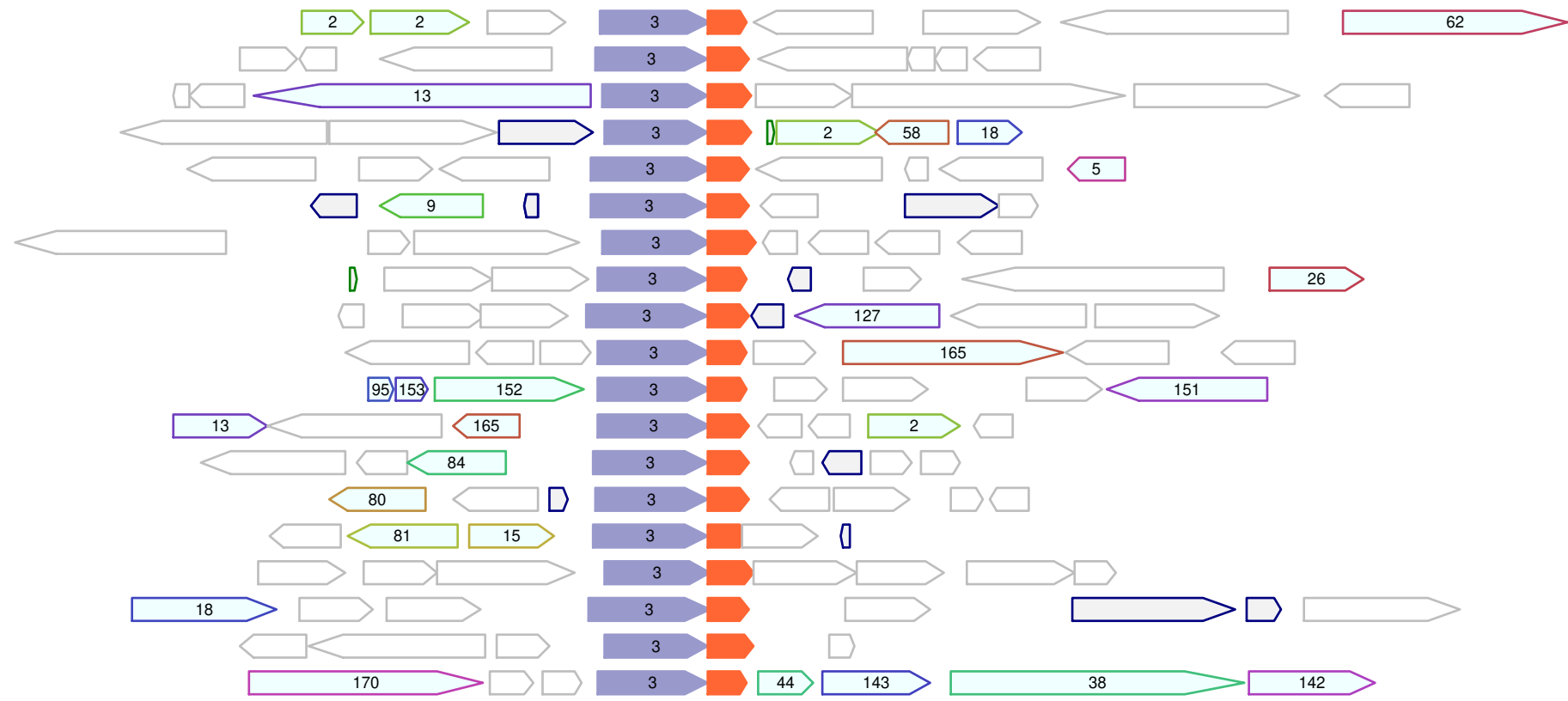


Predicted Toxin (Red Pentagon) Domain ID: D3
-- RefSeq Protein Description: hypothetical protein
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: No Hit
-- HHpred(Pfam) Annotation: No Hit
-- HHpred(PDB) Annotation: FACT complex subunit SSRP1 (65.51%)

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%)

Saprospira grandis str Lewin (TA-Like pair: WP_014373231.1 & WP_014373230.1)
Galbibacter marinus (TA-Like pair: WP_008991521.1 & WP_008991522.1)
Treponema vincentii F0403 (TA-Like pair: WP_016519637.1 & WP_016519638.1)
Treponema medium ATCC 700293 (TA-Like pair: WP_016522799.1 & WP_016522800.1)
Endozoicomonas numazuensis (TA-Like pair: WP_161787486.1 & WP_034842319.1)
Gallibacterium genomosp 3 (TA-Like pair: WP_065237658.1 & WP_065237657.1)
Pelagibaculum spongiae (TA-Like pair: WP_158527317.1 & WP_116687493.1)
Pedobacter namyangjuensis (TA-Like pair: WP_113653598.1 & WP_113653597.1)
Marinomonas pollencensis (TA-Like pair: WP_115899184.1 & WP_115899183.1)
Chitinophaga barathri (TA-Like pair: WP_120514119.1 & WP_120514118.1)
Chryseobacterium echinoideorum (TA-Like pair: WP_144281855.1 & WP_144281856.1)
Arachidicoccus ginsenosidivorans (TA-Like pair: WP_158639534.1 & WP_146782772.1)
Neptunomonas concharum (TA-Like pair: WP_170221765.1 & WP_138987103.1)
Acinetobacter guerrae (TA-Like pair: WP_152878174.1 & WP_152878172.1)
Advenella faeciporci (TA-Like pair: WP_189386082.1 & WP_189386081.1)
Treponema zioleckii (TA-Like pair: WP_191017291.1 & WP_191017289.1)
Williamwhitmania taraxaci (TA-Like pair: WP_092440549.1 & WP_092440547.1)
Hydrogenimonas thermophila (TA-Like pair: WP_092913906.1 & WP_092913907.1)
Chitinophaga jiangningensis (TA-Like pair: WP_073077276.1 & WP_073077275.1)



** For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/T8_pdfs/D29.txt