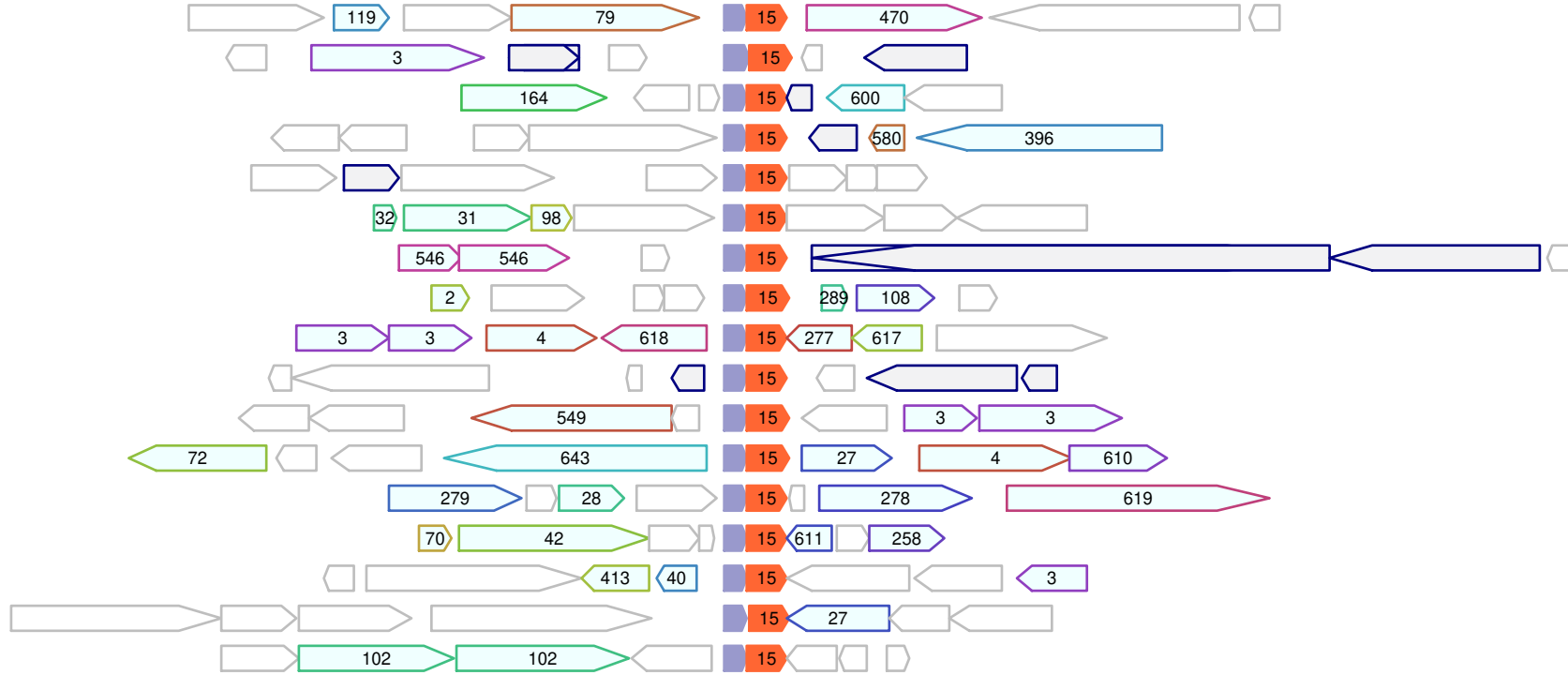Predicted Antitoxin (Blue Pentagon) Domain ID: D13
-- RefSeq Protein Description: AbrB/MazE/SpoVT family DNA-binding domain-containing protein
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: MazE_antitoxin superfamily
-- HHpred(Pfam) Annotation: PrlF_antitoxin ; prlF antitoxin for toxin YhaV_toxin (88.82%)
-- HHpred(PDB) Annotation: Putative uncharacterized protein (92.37%)

Predicted Toxin (Red Pentagon) Domain ID: D54
-- RefSeq Protein Description: PIN domain-containing protein
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: PIN_VapC-like
-- HHpred(Pfam) Annotation: PIN_2 ; PIN domain (97.31%)
-- HHpred(PDB) Annotation: 23S rRNA-specific endonuclease VapC20 (98.02%)

Thiobaca trueperi (TA-Like pair: WP_132977579.1 & WP_132977578.1)
Paraburkholderia dilworthii (TA-Like pair: WP_027803752.1 & WP_027803751.1)
Rhodoblastus sphagnicola (TA-Like pair: WP_104509437.1 & WP_104509435.1)
Paracoccus isoporae (TA-Like pair: WP_090525193.1 & WP_090525191.1)
Cardiobacterium valvarum (TA-Like pair: WP_006985768.1 & WP_006985769.1)
Neorhizobium huautlense (TA-Like pair: WP_105374193.1 & WP_105374192.1)
Candidatus Fukatsuia symbiotica (TA-Like pair: WP_119797651.1 & WP_119797652.1)
Desulfosarcina widdelii (TA-Like pair: WP_155302156.1 & WP_155302155.1)
Salinarimonas ramus (TA-Like pair: WP_188910061.1 & WP_188909588.1)
Paracoccus jeotgali (TA-Like pair: WP_101501143.1 & WP_101501144.1)
Thiorhodococcus minor (TA-Like pair: WP_164450688.1 & WP_164450689.1)
Ochrobactrum endophyticum (TA-Like pair: WP_188825297.1 & WP_188825296.1)
Salinarimonas ramus (TA-Like pair: WP_188915240.1 & WP_188915211.1)
Sphingomonas lenta (TA-Like pair: WP_095999361.1 & WP_095999362.1)
Zavarzinia aquatilis (TA-Like pair: WP_109904532.1 & WP_109904530.1)
Salipiger pacificus (TA-Like pair: WP_108970304.1 & WP_108970305.1)
Rhodobacter xinxiangensis (TA-Like pair: WP_136684240.1 & WP_136684239.1)

** For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/T8_pdfs/D54.txt