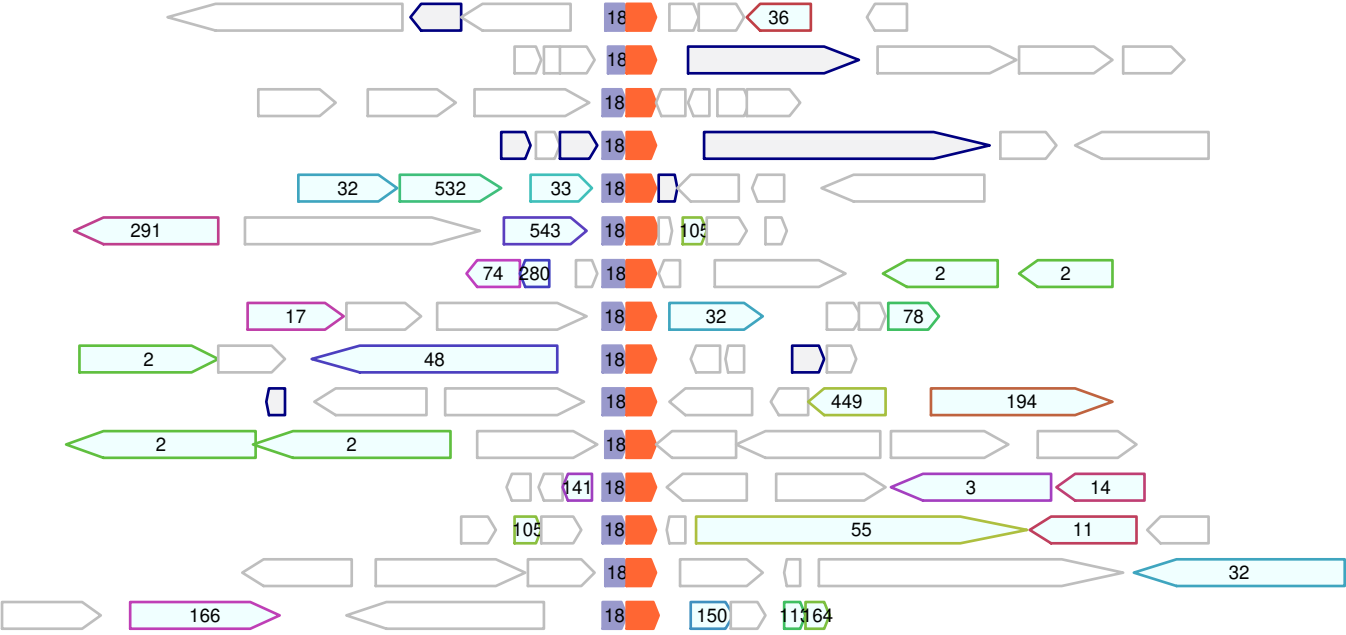


Predicted Toxin (Red Pentagon) Domain ID: D119
-- RefSeq Protein Description: type II toxin-antitoxin system YafQ family toxin
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: ParE_toxin superfamily
-- HHpred(Pfam) Annotation: ParE-like_toxin ; ParE-like toxin of type II bacterial toxin-antitoxin system (67.65%)
-- HHpred(PDB) Annotation: conserved hypothtcal protein HP0894 (77.01%)

Predicted Antitoxin (Blue Pentagon) Domain ID: D151
-- RefSeq Protein Description: hypothetical protein
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: No Hit
-- HHpred(Pfam) Annotation: Ribosomal_L12_N ; Ribosomal protein L7/L12 dimerisation domain (64.89%)
-- HHpred(PDB) Annotation: No Hit

Cylindrospermum stagnale PCC 7417 (TA-Like pair: WP_015210730.1 & WP_015210731.1)
Crinalium epipsammum PCC 9333 (TA-Like pair: WP_198013698.1 & WP_015205014.1)
Fortiea contorta PCC 7126 (TA-Like pair: WP_017654560.1 & WP_017654561.1)
Crocospaera watsonii WH 0005 (TA-Like pair: WP_007307541.1 & WP_007307542.1)
Tolypothrix bouteillei VB521301 (TA-Like pair: WP_038082440.1 & WP_038082438.1)
Planktothrix mougeotii NIVA CYA 405 (TA-Like pair: WP_036832737.1 & WP_026786313.1)
Kamptonema formosum PCC 6407 (TA-Like pair: WP_007354503.1 & WP_026103787.1)
Dolichospermum circinale AWQC131C (TA-Like pair: WP_028091515.1 & WP_028091514.1)
Dactylococcopsis salina PCC 8305 (TA-Like pair: WP_015229596.1 & WP_015229597.1)
Aphanothece sacrum FPU1 (TA-Like pair: WP_124971759.1 & WP_124971757.1)
cf Phormidesmis sp LEGE 11477 (TA-Like pair: WP_193858478.1 & WP_193858477.1)
Pseudanabaena biceps (TA-Like pair: WP_197970883.1 & WP_175356086.1)
Pseudanabaena yagii GIHE NHR1 (TA-Like pair: WP_169365550.1 & WP_169365549.1)
Planktothrix paucivesiculata PCC 9631 (TA-Like pair: WP_083622294.1 & WP_083622293.1)
Desulfonatronovibrio magnus (TA-Like pair: WP_045215642.1 & WP_045215644.1)



** For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/T8_pdfs/D151.txt