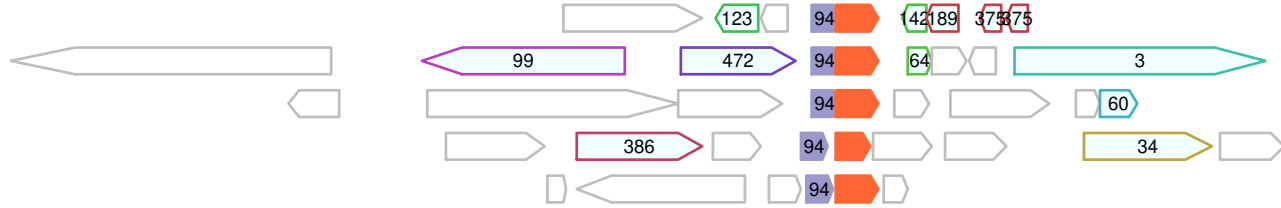


Predicted Toxin (Red Pentagon) Domain ID: D54  
-- RefSeq Protein Description: PIN domain-containing protein  
-- TADB Annotation: No Hit  
-- NCBI-CDD Annotation: PIN\_VapC-like  
-- HHpred(Pfam) Annotation: PIN\_2 ; PIN domain (97.31%)  
-- HHpred(PDB) Annotation: 23S rRNA-specific endonuclease VapC20 (98.02%)

Predicted Antitoxin (Blue Pentagon) Domain ID: M127  
-- RefSeq Protein Description: antitoxin family protein  
-- TADB Annotation: No Hit  
-- NCBI-CDD Annotation: DUF104  
-- HHpred(Pfam) Annotation: DUF104 ; Protein of unknown function DUF104 (94.40%)  
-- HHpred(PDB) Annotation: UPF0165 protein AF\_2212 (96.62%)

Planktothrix prolifica NIVA CYA 98 (TA-Like pair: WP\_026787052.1 & WP\_026787053.1)  
Scytonema tolypothrichoides VB 61278 (TA-Like pair: WP\_048870182.1 & WP\_048869927.1)  
Neosynechococcus sphagnicola sy1 (TA-Like pair: WP\_036532073.1 & WP\_036532077.1)  
Lyngbya confervoides BDU141951 (TA-Like pair: WP\_039727393.1 & WP\_201279016.1)  
Sphaerospermopsis reniformis (TA-Like pair: WP\_137668249.1 & WP\_137668248.1)



\*\* For the description of flanking genes, please check this link: [http://130.235.240.53/NetFlax/Mini\\_pdfs/M127.txt](http://130.235.240.53/NetFlax/Mini_pdfs/M127.txt)