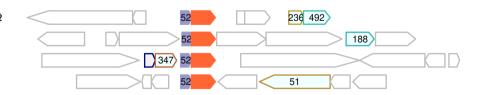
Predicted Toxin (Red Pentagon) Domain ID: D169

- -- RefSeq Protein Description: type II toxin-antitoxin system VapC family toxin
- -- TADB Annotation: VapC PAE0151; PubMed: 22539524
- -- NCBI-CDD Annotation: PIN Pae0151-like
- -- HHpred(Pfam) Annotation: PIN; PIN domain (96.66%)
- -- HHpred(PDB) Annotation: VapC toxin, VapB antitoxin (96.60%)

Predicted Antitoxin (Blue Pentagon) Domain ID: M230

- -- RefSeq Protein Description: antitoxin family protein
- -- TADB Annotation: No Hit
- -- NCBI-CDD Annotation: DUF104
- -- HHpred(Pfam) Annotation: DUF104; Protein of unknown function DUF104 (97.32%)
- -- HHpred(PDB) Annotation: UPF0165 protein AF\_2212 (98.48%)

Aeropyrum pernix K1 (TA-Like pair: WP\_010865634.1 & WP\_010865633.1)
Thermococcus siculi (TA-Like pair: WP\_088855475.1 & WP\_088855474.1)
Pyrolobus fumarii 1A (TA-Like pair: WP\_014025882.1 & WP\_014025881.1)
Methanosaeta harundinacea 6Ac (TA-Like pair: WP\_014586524.1 & WP\_014586523.1)



For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/Mini\_pdfs/M230.txt