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%)

Mycetohabitans rhizoxinica HKI 454 (TA-Like pair: WP_041753817.1 & WP_041754469.1)

Aphanothece cf minutissima CCALA 015 (TA-Like pair: WP_106220525.1 & WP_106220524.1)

Pelomonas saccharophila (TA-Like pair: WP_132576847.1 & WP_132576848.1)

Metallibacterium scheffleri (TA-Like pair: WP_081129995.1 & WP_081128691.1)

Polynucleobacter paneuropaeus (TA-Like pair: WP_112203412.1 & WP_112203410.1)

Caballeronia catudaia (TA-Like pair: WP 061126071.1 & WP 061125991.1)

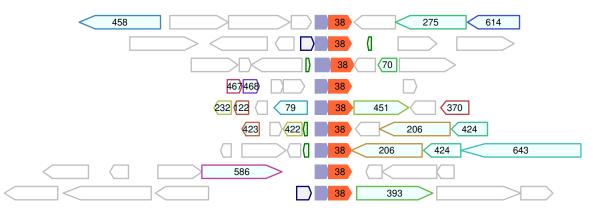
Polynucleobacter hirudinilacicola (TA-Like pair: WP_087910242.1 & WP_087910243.1)

Desulfonatronospira thiodismutans ASO3 1 (TA-Like pair: WP_008871050.1 & WP_008871051.1)

Candidatus Thiodictyon syntrophicum (TA-Like pair: WP_100918109.1 & WP_100918110.1)

Predicted Toxin (Red Pentagon) Domain ID: D65

- -- RefSeq Protein Description: type II toxin-antitoxin system VapC family toxin
- -- TADB Annotation: VapC35/RelE Rv1962c; PubMed: 20011113
- -- NCBI-CDD Annotation: PIN MT3492-like
- -- HHpred(Pfam) Annotation: PIN; PIN domain (95.88%)
- -- HHpred(PDB) Annotation: 23S rRNA-specific endonuclease VapC20 (95.86%)



^{**} For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/T8_pdfs/D65.txt