Predicted Toxin (Red Pentagon) Domain ID: D2

- -- RefSeg Protein Description: type II toxin-antitoxin system MgsR family toxin
- -- TADB Annotation: No Hit
- -- NCBI-CDD Annotation: No Hit
- -- HHpred(Pfam) Annotation: MgsR toxin; Motility quorum-sensing regulator, toxin of MgsA (96.57%) Annotation: MgsA antitoxin; Antitoxin component of bacterial toxin-antitoxin system, MgsA (96.57%)

-- NCBI-CDD Annotation: HTH 17

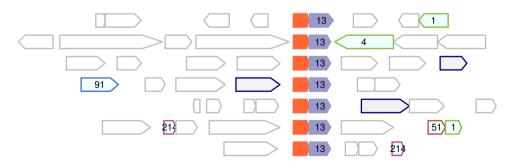
-- TADB Annotation: No Hit

Predicted Antitoxin (Blue Pentagon) Domain ID: M42

-- RefSeg Protein Description: type II toxin-antitoxin system MgsA family antitoxin

-- HHpred(PDB) Annotation: HTH-type transcriptional regulator ygiT, Motility (98.23%) HHpred(PDB) Annotation: Uncharacterized HTH-type transcriptional regulator ygiT (97.67%)

Turneriella parva DSM 21527 (TA-Like pair: WP 014804543.1 & WP 014804542.1) Leptospira alstonii (TA-Like pair: WP 036042587.1 & WP 020773853.1) Leptospira macculloughii (TA-Like pair: WP\_100720484.1 & WP 100720483.1) Leptospira montravelensis (TA-Like pair: WP 135571118.1 & WP 135571116.1) Leptospira mtsangambouensis (TA-Like pair: WP 135588813.1 & WP 135694760.1) Leptospira bandrabouensis (TA-Like pair: WP 135781554.1 & WP 135781555.1) Leptospira noguchii (TA-Like pair: WP 141598272.1 & WP 141598271.1)



<sup>\*\*</sup> For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/Mini pdfs/M42.txt