Predicted Antitoxin (Blue Pentagon) Domain ID: D26

-- RefSeq Protein Description: ribbon-helix-helix protein, CopG family

-- TADB Annotation: No Hit

-- NCBI-CDD Annotation: No Hit

-- HHpred(Pfam) Annotation: RHH\_7; Transcriptional regulator, RHH-like, CopG (83.27%)

-- HHpred(PDB) Annotation: MNT REPRESSOR MUTANT WITH C-TERMINAL (90.49%)

Nocardia testacea NBRC 100365 (TA-Like pair: WP\_083872897.1 & WP\_039826513.1)

Nocardia uniformis (TA-Like pair: WP\_169815053.1 & WP\_067520908.1)

Nocardia higoensis (TA-Like pair: WP\_195002946.1 & WP\_195002947.1)

Nocardia aurea (TA-Like pair: WP\_109525369.1 & WP\_109525370.1)

Nocardia mexicana (TA-Like pair: WP 169814210.1 & WP 068015450.1)

Mycolicibacter longobardus (TA-Like pair: WP\_165759190.1 & WP\_085264338.1)

Nocardia asteroides (TA-Like pair: WP 081723012.1 & WP 019045027.1)

Thermus sediminis (TA-Like pair: WP\_117236977.1 & WP\_117236978.1)

\*\* For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/T8\_pdfs/D67.txt

Predicted Toxin (Red Pentagon) Domain ID: D67

- -- RefSeq Protein Description: PIN domain-containing protein
- -- TADB Annotation: No Hit
- -- NCBI-CDD Annotation: PIN\_SF superfamily
- -- HHpred(Pfam) Annotation: PIN; PIN domain (96.10%)
- -- HHpred(PDB) Annotation: Antitoxin VapB26, Ribonuclease VapC26 (97.97%)

