Predicted Toxin (Red Pentagon) Domain ID: D41

-- RefSeq Protein Description: helix-turn-helix transcriptional regulator

-- TADB Annotation: No Hit

-- NCBI-CDD Annotation: CxxCG\_CxxCG\_HTH superfamily

-- HHpred(Pfam) Annotation: MqsA antitoxin; Antitoxin component of bacterial toxin-antitoxin system, MqsA (98.42%)

-- HHpred(PDB) Annotation: Uncharacterized HTH-type transcriptional regulator ygiT (98.36%)

Clostridium putrefaciens (TA-Like pair: WP\_115640075.1 & WP\_115640076.1)

Anoxybacillus suryakundensis (TA-Like pair: WP\_141653487.1 & WP\_055440597.1)

Predicted Antitoxin (Blue Pentagon) Domain ID: M155

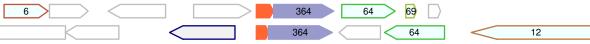
-- RefSeq Protein Description: NgoFVII family restriction endonuclease

-- TADB Annotation: No Hit

-- NCBI-CDD Annotation: PLDc\_SF superfamily

-- HHpred(Pfam) Annotation: RE NgoFVII; NgoFVII restriction endonuclease (98.50%)

-- HHpred(PDB) Annotation: Restriction endonuclease R.NgoVII (99.65%)



<sup>\*\*</sup> For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/Mini pdfs/M155.txt