

Predicted Toxin (Red Pentagon) Domain ID: D54  
-- RefSeq Protein Description: PIN domain-containing protein  
-- TADB Annotation: No Hit  
-- NCBI-CDD Annotation: PIN\_VapC-like  
-- HHpred(Pfam) Annotation: PIN\_2 ; PIN domain (97.31%)  
-- HHpred(PDB) Annotation: 23S rRNA-specific endonuclease VapC20 (98.02%)

Predicted Antitoxin (Blue Pentagon) Domain ID: D108  
-- RefSeq Protein Description: ribbon-helix-helix domain-containing protein  
-- TADB Annotation: No Hit  
-- NCBI-CDD Annotation: No Hit  
-- HHpred(Pfam) Annotation: RHH\_9 ; Ribbon-helix-helix protein (89.68%)  
-- HHpred(PDB) Annotation: hypothetical protein HP0222 (92.22%)

Meiothermus granaticus NBRC 107808 (TA-Like pair: WP\_119357826.1 & WP\_119357827.1)  
Rubricoccus marinus (TA-Like pair: WP\_094552120.1 & WP\_094552123.1)  
Nostoc commune NIES 4072 (TA-Like pair: WP\_181374023.1 & WP\_109009175.1)  
Longimonas halophila (TA-Like pair: WP\_141491725.1 & WP\_098063220.1)  
Rhodothermus marinus DSM 4252 (TA-Like pair: WP\_012844979.1 & WP\_012844978.1)  
Gloeobacter violaceus PCC 7421 (TA-Like pair: WP\_197530146.1 & WP\_011141695.1)  
Thermodesulfitimonas autotrophica (TA-Like pair: WP\_123926767.1 & WP\_123926770.1)  
Scytonema hofmannii PCC 7110 (TA-Like pair: WP\_026135200.1 & WP\_017748364.1)  
Nitrospira moscoviensis (TA-Like pair: WP\_053380457.1 & WP\_053380458.1)  
Sporolactobacillus pectinivorans (TA-Like pair: WP\_100486231.1 & WP\_157800106.1)  
Salinibacter ruber M8 (TA-Like pair: WP\_013061180.1 & WP\_043551960.1)  
Meiothermus ruber DSM 1279 (TA-Like pair: WP\_015586590.1 & WP\_013012350.1)  
Tolypothrix campylonemoides VB511288 (TA-Like pair: WP\_052490240.1 & WP\_041034648.1)  
Sporolactobacillus laevolacticus DSM 442 (TA-Like pair: WP\_023509413.1 & WP\_023509414.1)  
Moorella thermoacetica ATCC 39073 (TA-Like pair: WP\_011393508.1 & WP\_011393507.1)  
Desulfofundulus thermobenzoicus (TA-Like pair: WP\_152945399.1 & WP\_152945398.1)  
Litorilinea aerophila (TA-Like pair: WP\_141612087.1 & WP\_141612086.1)  
Hassallia byssoidea VB512170 (TA-Like pair: WP\_201280673.1 & WP\_039738613.1)

