

Predicted Antitoxin (Blue Pentagon) Domain ID: D25
-- RefSeq Protein Description: ImmA/IrrE family metallo-endopeptidase
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: Peptidase_M78
-- HHpred(Pfam) Annotation: Peptidase_M78 ; IrrE N-terminal-like domain (99.11%)
-- HHpred(PDB) Annotation: IRRE PROTEIN (99.28%)

Predicted Toxin (Red Pentagon) Domain ID: D47
-- RefSeq Protein Description: type II toxin-antitoxin system VapC family toxin
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: No Hit
-- HHpred(Pfam) Annotation: No Hit
-- HHpred(PDB) Annotation: No Hit

Streptomyces fulvoviolaceus (TA-Like pair: WP_030598577.1 & WP_030598574.1)
Streptacidiphilus rugosus AM 16 (TA-Like pair: WP_037600983.1 & WP_030459225.1)
Marinagarivorans algicola (TA-Like pair: WP_054113014.1 & WP_054113015.1)
Pseudomonas huaxiensis (TA-Like pair: WP_110968571.1 & WP_110968570.1)
Desulfatibacillum aliphaticivorans (TA-Like pair: WP_015948455.1 & WP_015948456.1)
Protactibacter intestinalis (TA-Like pair: WP_120761538.1 & WP_120761537.1)
Nocardia takedensis NBRC 100417 (TA-Like pair: WP_063911075.1 & WP_040703531.1)
Anabaena minutissima FACHB 250 (TA-Like pair: WP_190710431.1 & WP_190710429.1)
Rhodococcus sediminis (TA-Like pair: WP_115961988.1 & WP_115961986.1)
Silvibacterium bohemium (TA-Like pair: WP_050061997.1 & WP_050061996.1)
Legionella fairfieldensis (TA-Like pair: WP_028398730.1 & WP_028398731.1)
Streptomyces bohaiensis (TA-Like pair: WP_168087333.1 & WP_168087332.1)
Sulfurivermis fontis (TA-Like pair: WP_127478531.1 & WP_024892255.1)
Mycobacterium simulans (TA-Like pair: WP_191498007.1 & WP_191496186.1)
Acidibacillus sulfuroxidans (TA-Like pair: WP_181363163.1 & WP_109431630.1)
Nocardiosis chromatogenes YIM 90109 (TA-Like pair: WP_017626632.1 & WP_152529424.1)
Caldithermus roseus (TA-Like pair: WP_119280062.1 & WP_119280064.1)
Mycobacterium austroafricanum (TA-Like pair: WP_036376753.1 & WP_036376756.1)
Microtetraspora fusca (TA-Like pair: WP_066941545.1 & WP_066941544.1)
Mycobacterium heidelbergense (TA-Like pair: WP_197745675.1 & WP_083075402.1)
Actinomyces weissii (TA-Like pair: WP_200275240.1 & WP_200275239.1)
Salegentibacter agarivorans (TA-Like pair: WP_093305714.1 & WP_093305717.1)
Streptacidiphilus carbonis (TA-Like pair: WP_042392690.1 & WP_152626265.1)
Antribacter gilvus (TA-Like pair: WP_125776561.1 & WP_125776560.1)
Cytophaga hutchinsonii ATCC 33406 (TA-Like pair: WP_011583444.1 & WP_011583445.1)
Runella slithyformis DSM 19594 (TA-Like pair: WP_041344148.1 & WP_013931280.1)
Dokdonella koreensis DS 123 (TA-Like pair: WP_067649217.1 & WP_083965591.1)
Nostoc carneum NIES 2107 (TA-Like pair: WP_096726837.1 & WP_096726838.1)
Thalassospira lucentensis (TA-Like pair: WP_167446102.1 & WP_167446103.1)
Sporomusa acidovorans (TA-Like pair: WP_093793964.1 & WP_093793963.1)
Mastigocladopsis repens PCC 10914 (TA-Like pair: WP_017313942.1 & WP_017313941.1)
Agreia pratensis (TA-Like pair: WP_194638342.1 & WP_194638343.1)
Sediminispirochaeta smaragdinae DSM 11293 (TA-Like pair: WP_013253681.1 & WP_013253680.1)
Aeromicrobium ginsengisoli (TA-Like pair: WP_188110453.1 & WP_149687794.1)
Thermobifida cellulolytica TB100 (TA-Like pair: WP_198156307.1 & WP_068752986.1)
Microbacterium liquefaciens (TA-Like pair: WP_141388350.1 & WP_141388352.1)
Rhodopirellula islandica (TA-Like pair: WP_160311409.1 & WP_047813473.1)
Desulfotundulus thermosubterraneus DSM 16057 (TA-Like pair: WP_072868667.1 & WP_0728686540.1)
Melittangium boletus DSM 14713 (TA-Like pair: WP_095978202.1 & WP_095978203.1)
Pantoea agglomerans (TA-Like pair: WP_192034318.1 & WP_192034309.1)
Algoriphagus alkaliphilus (TA-Like pair: WP_092729887.1 & WP_092729886.1)
Chitinophaga oryzziterrae (TA-Like pair: WP_157303440.1 & WP_157303439.1)
Methanobrevibacter millerae (TA-Like pair: WP_083495795.1 & WP_198144474.1)
Desulfobacterium vacuolatum DSM 3385 (TA-Like pair: WP_084069176.1 & WP_084069178.1)
Planctomicrobium piriforme (TA-Like pair: WP_175517101.1 & WP_092047938.1)
Sphingopyxis fribergensis (TA-Like pair: WP_160292345.1 & WP_039570904.1)
Rhizobium chutanense (TA-Like pair: WP_126907219.1 & WP_126907218.1)
Actinomadura macro NBRC 14102 (TA-Like pair: WP_067458831.1 & WP_067458828.1)
Alteromonas australica (TA-Like pair: WP_044449137.1 & WP_044449138.1)
Curtobacterium citreum (TA-Like pair: WP_167509954.1 & WP_141859598.1)
Mycococcus eversoli (TA-Like pair: WP_163965072.1 & WP_163965071.1)
Arthrobacter silvicolus (TA-Like pair: WP_115789974.1 & WP_136017927.1)
Desulfatibacillum aliphaticivorans (TA-Like pair: WP_081435984.1 & WP_015947833.1)
Winogradskyella forsetii (TA-Like pair: WP_179004436.1 & WP_179004438.1)
Duncaniella dubosii (TA-Like pair: WP_136415540.1 & WP_123398908.1)
Pseudidiomarina halophila (TA-Like pair: WP_198678859.1 & WP_126760904.1)
Labilibaculum manganireducens (TA-Like pair: WP_101309961.1 & WP_101309962.1)
Fimbriglobus ruber (TA-Like pair: WP_088254232.1 & WP_088254233.1)
Porphyromonas asaccharolytica DSM 20707 (TA-Like pair: WP_155811481.1 & WP_013760936.1)
Candidatus Cloacimonas acidaminovorans str. Evry (TA-Like pair: WP_015423867.1 & WP_015423868.1)
Desulfotomaculum nigrificans CO 1 SRB (TA-Like pair: WP_013810516.1 & WP_013810515.1)
Salinibacter ruber M9 (TA-Like pair: WP_013060220.1 & WP_043551458.1)
Acidaminobacter hydrogeniformans DSM 2784 (TA-Like pair: WP_170829426.1 & WP_092591608.1)
Candidatus Thiodictyon syntrophicum (TA-Like pair: WP_172965308.1 & WP_100920305.1)
Salipaludibacillus neizhouensis (TA-Like pair: WP_110937839.1 & WP_110937838.1)
Bacillus taxi (TA-Like pair: WP_182103059.1 & WP_182103060.1)
Anaerohalospaera lusitana (TA-Like pair: WP_146659281.1 & WP_169852905.1)

