

Predicted Toxin (Red Pentagon) Domain ID: D57
-- RefSeq Protein Description: type II toxin-antitoxin system RelE/ParE family toxin
-- TADB Annotation: toxin relE like VCA0478; PubMed: 25897030
-- NCBI-CDD Annotation: RelE
-- HHpred(Pfam) Annotation: Toxin_YhaV ; Toxin with endonuclease activity, of toxin-antitoxin system (97.35%)
-- HHpred(PDB) Annotation: mRNA interferase RelE (97.84%)

Predicted Antitoxin (Blue Pentagon) Domain ID: D97
-- RefSeq Protein Description: hypothetical protein
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: No Hit
-- HHpred(Pfam) Annotation: No Hit
-- HHpred(PDB) Annotation: No Hit

Geobacillus proteiniphilus (TA-Like pair: WP_079936571.1 & WP_062898935.1)
Anaerobacillus arseniciselenatis (TA-Like pair: WP_071314656.1 & WP_071314657.1)
Methanoculleus marisnigri JR1 (TA-Like pair: WP_011843507.1 & WP_011843508.1)
Paenibacillus apiarius (TA-Like pair: WP_087434536.1 & WP_087434537.1)
Aphanothece sacrum FPU1 (TA-Like pair: WP_124977005.1 & WP_124976981.1)
Phormidium ambiguum IAM M 71 (TA-Like pair: WP_073592649.1 & WP_073592648.1)
Paenibacillus antarcticus (TA-Like pair: WP_068652420.1 & WP_084403283.1)
Bacillus alkalitelluris (TA-Like pair: WP_088076978.1 & WP_088076979.1)
Virgibacillus chiguensis (TA-Like pair: WP_073011101.1 & WP_073011104.1)
Cohnella panacarvi Gsoil 349 (TA-Like pair: WP_027086129.1 & WP_027086130.1)
Methanosarcina soligelidi (TA-Like pair: WP_048050913.1 & WP_048050912.1)
Candidatus Nitrosotenuis aquarius (TA-Like pair: WP_162858599.1 & WP_100182191.1)
Methanosarcina acetivorans C2A (TA-Like pair: WP_011020432.1 & WP_011020433.1)
Thermoanaerobacter indiensis BSB 33 (TA-Like pair: WP_019908129.1 & WP_019908128.1)
Desulfofundulus thermobenzoicus (TA-Like pair: WP_194174914.1 & WP_194174915.1)
Methanohalophilus mahii DSM 5219 (TA-Like pair: WP_013036556.1 & WP_013036557.1)
Kyrpidia tusciae DSM 2912 (TA-Like pair: WP_013076938.1 & WP_013076939.1)
Methanosarcina acetivorans C2A (TA-Like pair: WP_011020107.1 & WP_011020108.1)
Candidatus Nitrosotalea sp TS (TA-Like pair: WP_166392503.1 & WP_166392502.1)
Methanofollis ethanolicus (TA-Like pair: WP_067051033.1 & WP_067051036.1)
Methanolobus zinderi (TA-Like pair: WP_176965894.1 & WP_176965893.1)
Methanoculleus thermophilus (TA-Like pair: WP_066955305.1 & WP_066955302.1)
Methanolobus tindarius DSM 2278 (TA-Like pair: WP_023843896.1 & WP_023843897.1)
Desulfallas alcoholivoxax DSM 16058 (TA-Like pair: WP_034630171.1 & WP_114679285.1)
Kroppenstedtia eburnea (TA-Like pair: WP_009709518.1 & WP_040387317.1)
Eubacterium oxidoreducens (TA-Like pair: WP_090173039.1 & WP_090173041.1)
Nitrososphaera viennensis EN76 (TA-Like pair: WP_075054826.1 & WP_075054825.1)
Methanospirillum stamsii (TA-Like pair: WP_109940917.1 & WP_146199752.1)
Phormidesmis priestleyi ULC007 (TA-Like pair: WP_073074251.1 & WP_073074250.1)
Caldanaerobacter subterraneus subsp tengcongensis MB4 (TA-Like pair: WP_041587340.1 & WP_041587195.1)
Syntrophomonas zehnderi OL 4 (TA-Like pair: WP_046495764.1 & WP_046495762.1)
Mesobacillus persicus (TA-Like pair: WP_090743758.1 & WP_090743761.1)
Methanoculleus chikugoensis (TA-Like pair: WP_074370355.1 & WP_074370354.1)
Methanospirillum stamsii (TA-Like pair: WP_109941153.1 & WP_109941152.1)
Crocospaera watsonii WH 0005 (TA-Like pair: WP_007312674.1 & WP_035828681.1)
Methanospirillum hungatei JF 1 (TA-Like pair: WP_011448855.1 & WP_011448854.1)
Sedimentibacter hydroxybenzoicus DSM 7310 (TA-Like pair: WP_179238324.1 & WP_179238325.1)
Selenomonas infelix ATCC 43532 (TA-Like pair: WP_006692717.1 & WP_006692718.1)
Candidatus Nitrosotenuis cloacae (TA-Like pair: WP_048187360.1 & WP_048187358.1)
Methanospirillum lacunae (TA-Like pair: WP_109968058.1 & WP_109968387.1)
Ammoniphilus oxalaticus (TA-Like pair: WP_120188141.1 & WP_120188140.1)
Desulfosporosinus youngiae DSM 17734 (TA-Like pair: WP_007786967.1 & WP_007786965.1)
Candidatus Magnetobacterium casensis (TA-Like pair: WP_156033285.1 & WP_040335172.1)
Syntrophomonas wolfei subsp wolfei str Goettingen G311 (TA-Like pair: WP_011640401.1 & WP_041427399.1)
Candidatus Nitrosotenuis chungbukensis (TA-Like pair: WP_042687700.1 & WP_042687468.1)
Moorella thermoacetica ATCC 39073 (TA-Like pair: WP_139560391.1 & WP_011392531.1)
Cuniculiplasma divulgatum (TA-Like pair: WP_077075787.1 & WP_083705155.1)
Methanoculleus bourgensis (TA-Like pair: WP_062262769.1 & WP_062262766.1)
Cuniculiplasma divulgatum (TA-Like pair: WP_077076667.1 & WP_077076668.1)
Methanospirillum stamsii (TA-Like pair: WP_109940473.1 & WP_109940472.1)
Sporolituus thermophilus DSM 23256 (TA-Like pair: WP_093688872.1 & WP_171904599.1)
Salibacterium qingdaonense (TA-Like pair: WP_090926961.1 & WP_090926960.1)
Paenibacillus sanguinis 2301083 DSM 16941 (TA-Like pair: WP_018751154.1 & WP_018751153.1)
Salicibacter kimchii (TA-Like pair: WP_114371213.1 & WP_114371215.1)
Paenibacillus rubinfantis (TA-Like pair: WP_059041063.1 & WP_082691308.1)
Desulfobacca acetoxidans DSM 11109 (TA-Like pair: WP_013706645.1 & WP_013706644.1)
Desulfurivibrio alkaliphilus AHT 2 (TA-Like pair: WP_157861459.1 & WP_013164056.1)

