

Antitoxin (Blue Pentagon) Domain Name: PanA

Predicted Toxin (Red Pentagon) Domain ID: D3
-- RefSeq Protein Description: hypothetical protein
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: No Hit
-- HHpred(Pfam) Annotation: No Hit
-- HHpred(PDB) Annotation: FACT complex subunit SSRP1 (65.51%)

Aminobacterium colombiense DSM 12261 (TA-Like pair: WP_013048536.1 & WP_013048535.1)
Actinocorallia herbida (TA-Like pair: WP_123667508.1 & WP_148086129.1)
Saccharospirillum salsuginis (TA-Like pair: WP_189608847.1 & WP_189609096.1)
Companilactobacillus heilongjiangensis (TA-Like pair: WP_048698801.1 & WP_048698805.1)
Spirosoma fluviale (TA-Like pair: WP_097125246.1 & WP_097125245.1)
Lactobacillus paragasseri (TA-Like pair: WP_144842118.1 & WP_144842119.1)
Kamptonema formosum PCC 6407 (TA-Like pair: WP_007353925.1 & WP_007353924.1)
Phocaeicola salanitronis DSM 18170 (TA-Like pair: WP_004293873.1 & WP_004293874.1)
Salinarimonas ramus (TA-Like pair: WP_188914613.1 & WP_188914614.1)
Companilactobacillus huachuanensis (TA-Like pair: WP_137610633.1 & WP_137610634.1)
Clostridium cadaveris NLAE zI G419 (TA-Like pair: WP_074844973.1 & WP_074844970.1)
Flavobacterium johnsoniae UW101 (TA-Like pair: WP_044047495.1 & WP_085950303.1)
Cohnella xylanilytica (TA-Like pair: WP_185133921.1 & WP_185134006.1)
Clostridium intestinale (TA-Like pair: WP_181603774.1 & WP_181601387.1)
Paenibacillus brasiliensis (TA-Like pair: WP_152382191.1 & WP_152380867.1)
Solimonas varicoloris DSM 15731 (TA-Like pair: WP_051101888.1 & WP_154654880.1)
Candidatus Liberibacter solanacearum (TA-Like pair: WP_103847170.1 & WP_103847169.1)
Shewanella inventionis (TA-Like pair: WP_188740533.1 & WP_188740532.1)
Nafulsella turpanensis ZLM 10 (TA-Like pair: WP_017732543.1 & WP_017732542.1)
Flavobacterium tibetense (TA-Like pair: WP_113988438.1 & WP_113988437.1)
Trichococcus patagoniensis (TA-Like pair: WP_108031431.1 & WP_108031432.1)
Chryseobacterium oleae (TA-Like pair: WP_090023811.1 & WP_090023812.1)
Pedobacter namyangjuensis (TA-Like pair: WP_113651985.1 & WP_113651984.1)
Prevotella melaninogenica (TA-Like pair: WP_004359498.1 & WP_004359499.1)
Lysinibacillus massiliensis 4400831 CIP 108448 CCUG 49529 (TA-Like pair: WP_036177549.1 & WP_052126195.1)
Vibrio palustris (TA-Like pair: WP_077311932.1 & WP_077311930.1)
Chryseobacterium geocarposphaerae (TA-Like pair: WP_100377045.1 & WP_100376784.1)
Candidatus Phytoplasma solani (TA-Like pair: WP_122225589.1 & WP_023161225.1)
Salinarimonas ramus (TA-Like pair: WP_188911154.1 & WP_188911152.1)
Hymenobacter psychrotolerans DSM 18569 (TA-Like pair: WP_073282534.1 & WP_139252166.1)
Spiroplasma citri (TA-Like pair: WP_171283747.1 & WP_071937179.1)
Alteripontixanthobacter maritimus (TA-Like pair: WP_115365767.1 & WP_115365768.1)
Legionella busanensis (TA-Like pair: WP_115332045.1 & WP_115332044.1)
Chryseobacterium frigidisoli (TA-Like pair: WP_090080310.1 & WP_090080309.1)
Muricauda pacifica (TA-Like pair: WP_106143626.1 & WP_106143627.1)
Massilia aurea (TA-Like pair: WP_123070264.1 & WP_148044035.1)
Lactobacillus japonicus (TA-Like pair: WP_054396215.1 & WP_054396213.1)
Lactobacillus nodensis DSM 19682 JCM 14932 NBRC 107160 (TA-Like pair: WP_082609511.1 & WP_025023194.1)
Dyadobacter fermentans DSM 18053 (TA-Like pair: WP_015810302.1 & WP_015810301.1)
Enterococcus plantarum (TA-Like pair: WP_111248349.1 & WP_111248348.1)
Novosphingobium rosa NBRC 15208 (TA-Like pair: WP_084455213.1 & WP_068083796.1)
Nitrolancea hollandica Lb (TA-Like pair: WP_008476557.1 & WP_008476559.1)
Roseateles aquatilis (TA-Like pair: WP_088385116.1 & WP_088385117.1)
endosymbiont GvMRE of Glomus versiforme (TA-Like pair: WP_147410129.1 & WP_147410128.1)
Megasphaera elsdenii DSM 20460 (TA-Like pair: WP_014015785.1 & WP_014015786.1)
Candidatus Phytoplasma ziziphi (TA-Like pair: WP_121463974.1 & WP_121463973.1)
Nonlabens ponticola (TA-Like pair: WP_126447207.1 & WP_126447205.1)
Sphaerospermopsis aphanizomenoides BCCUSP55 (TA-Like pair: WP_200327304.1 & WP_200327305.1)
Rhizobium acidisoli (TA-Like pair: WP_054182632.1 & WP_054182752.1)
Candidatus Phytoplasma pruni (TA-Like pair: WP_178733983.1 & WP_178733982.1)
Roseateles aquatilis (TA-Like pair: WP_088388490.1 & WP_141101007.1)
Acidobacterium capsulatum ATCC 51196 (TA-Like pair: WP_041839411.1 & WP_148215087.1)
Bacteroides uniformis (TA-Like pair: WP_196031200.1 & WP_196031201.1)
Algibacter wandonensis (TA-Like pair: WP_133965460.1 & WP_133965462.1)
Lactobacillus shenzhenensis LY 73 (TA-Like pair: WP_022529529.1 & WP_155828593.1)
Lactobacillus melliventris (TA-Like pair: WP_187156394.1 & WP_187156395.1)
Chitinophaga skermanii (TA-Like pair: WP_111597956.1 & WP_111597957.1)
Occallatibacter savannae (TA-Like pair: WP_162601179.1 & WP_109485033.1)
Escherichia coli MOD1 EC5558 (TA-Like pair: WP_089622957.1 & WP_077635758.1)
Salmonella phage vB SemP Emek (TA-Like pair: YP_006560565.1 & YP_006560566.1)

