

Antitoxin (Blue Pentagon) Domain Name: PanA

Predicted Toxin (Red Pentagon) Domain ID: D1
-- RefSeq Protein Description: hypothetical protein
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: No Hit
-- HHPred(Pfam) Annotation: No Hit
-- HHPred(PDB) Annotation: No Hit

Spirulina major PCC 6313 (TA-Like pair: WP_072620416.1 & WP_072620417.1)
Rhodoplanes roseus (TA-Like pair: WP_111420570.1 & WP_111420569.1)
Psychroflexus tropicus DSM 15496 (TA-Like pair: WP_019038362.1 & WP_019038363.1)
Capnocytophaga endodontalis (TA-Like pair: WP_088593276.1 & WP_088593277.1)
Chitinophaga japonensis (TA-Like pair: WP_145711856.1 & WP_145711854.1)
Flavobacterium xanthum DSM 3661 (TA-Like pair: WP_084129631.1 & WP_073354223.1)
Pelistega suis (TA-Like pair: WP_171680315.1 & WP_171680314.1)
Pedobacter ginsenosidimutans (TA-Like pair: WP_057930450.1 & WP_057930449.1)
Bacteroides ndongoniae (TA-Like pair: WP_071150236.1 & WP_071150235.1)
Terimonas ferruginea DSM 30193 (TA-Like pair: WP_162142855.1 & WP_028787235.1)
Sphingobacterium alkalisoli (TA-Like pair: WP_136820042.1 & WP_136820043.1)
Butyricimonas synergistica (TA-Like pair: WP_065218449.1 & WP_065218450.1)
Acinetobacter lanii (TA-Like pair: WP_166326953.1 & WP_166326951.1)
Beggiatoa alba B18LD (TA-Like pair: WP_002684490.1 & WP_002684473.1)
Olivibacter jilunii (TA-Like pair: WP_165446914.1 & WP_130854954.1)
Fibrisoma limi BUZ 3 (TA-Like pair: WP_192579066.1 & WP_144051755.1)
Halomonas stevensii S18214 (TA-Like pair: WP_016915900.1 & WP_156808524.1)
Flavobacterium sharifuzzamanii (TA-Like pair: WP_111422287.1 & WP_111422286.1)
Rothia nasimurium (TA-Like pair: WP_185173247.1 & WP_185173248.1)
Mesorhizobium helmanticense (TA-Like pair: WP_107648029.1 & WP_146172497.1)
Puia dinghuensis (TA-Like pair: WP_188937995.1 & WP_188937993.1)
Methyloglobulus morosus KoM1 (TA-Like pair: WP_082458293.1 & WP_023494136.1)
Pseudoalteromonas profunda (TA-Like pair: WP_188730700.1 & WP_188730698.1)
Corynebacterium hadale (TA-Like pair: WP_095535777.1 & WP_133064754.1)
Chryseobacterium hungaricum (TA-Like pair: WP_089870321.1 & WP_089870319.1)
Fibrobacter succinogenes subsp. succinogenes S85 (TA-Like pair: WP_015732385.1 & WP_014547293.1)
Candidatus Symbiothrix dinenymphae (TA-Like pair: WP_082592046.1 & WP_055431569.1)
Geofilum rhodophaeum (TA-Like pair: WP_088653797.1 & WP_088653798.1)
Bacteroides caecimuri (TA-Like pair: WP_135999608.1 & WP_135999609.1)
Bacteroides zoogloeiformans (TA-Like pair: WP_106041665.1 & WP_106041663.1)
Flavobacterium limi (TA-Like pair: WP_163392147.1 & WP_163392145.1)
Rugamonas rubra (TA-Like pair: WP_093382791.1 & WP_139236237.1)
Halomonas utahensis (TA-Like pair: WP_077529483.1 & WP_143512605.1)
Desulfonatratrum thioautotrophicum (TA-Like pair: WP_045223010.1 & WP_045223011.1)
Marinicaulis flavus (TA-Like pair: WP_165793736.1 & WP_104830867.1)
Bacteroides pyogenes (TA-Like pair: WP_034543236.1 & WP_147298118.1)
Caminibacter mediatlanticus TB 2 (TA-Like pair: WP_138322772.1 & WP_138322771.1)
Marinitoga laueensis (TA-Like pair: WP_129409310.1 & WP_129409311.1)
Porphyromonas gingivalis (TA-Like pair: WP_025839193.1 & WP_025839192.1)
Paucibacter toxinivorans (TA-Like pair: WP_133702334.1 & WP_133702333.1)
Dyadobacter crusticola DSM 16708 (TA-Like pair: WP_031529962.1 & WP_031529961.1)
Bathymodiolus thermophilus thioautotrophic gill symbiont (TA-Like pair: WP_164707701.1 & WP_139458236.1)
Turneriella parva DSM 21527 (TA-Like pair: WP_014804539.1 & WP_014804540.1)
Spirulina major PCC 6313 (TA-Like pair: WP_072620347.1 & WP_072620346.1)
Geminisphaera coltermitum TAV2 (TA-Like pair: WP_043586203.1 & WP_043586204.1)
Bacteroides ilei (TA-Like pair: WP_083580626.1 & WP_083580628.1)
Campylobacter concisus (TA-Like pair: WP_103576500.1 & WP_103576501.1)
Mucilaginibacter rigui (TA-Like pair: WP_191173662.1 & WP_191173663.1)
Burkholderia catarinensis (TA-Like pair: WP_128847277.1 & WP_128847274.1)
Candidatus Nanoperiomorbus periodonticus (TA-Like pair: WP_129619602.1 & WP_129619601.1)
Rugamonas rubra (TA-Like pair: WP_093385582.1 & WP_139236330.1)
Fibrobacter succinogenes subsp. succinogenes S85 (TA-Like pair: WP_014547295.1 & WP_014547296.1)
Muricauda ruestringensis DSM 13258 (TA-Like pair: WP_014032226.1 & WP_014032227.1)
Corynebacterium phocae (TA-Like pair: WP_169833324.1 & WP_075735926.1)
Leptospira langatensis (TA-Like pair: WP_135645026.1 & WP_135645024.1)
Chryseobacterium urelyticum (TA-Like pair: WP_167370015.1 & WP_076553521.1)
Sutterella wadsworthensis (TA-Like pair: WP_016473910.1 & WP_165657239.1)
Xanthomonas melonis (TA-Like pair: WP_104584484.1 & WP_146092292.1)
Simplicispira psychrophila DSM 11588 (TA-Like pair: WP_169737292.1 & WP_156949951.1)
Steroidobacter cummioxidans (TA-Like pair: WP_153067116.1 & WP_116809181.1)
Mucilaginibacter psychrotolerans (TA-Like pair: WP_133231522.1 & WP_133231524.1)
Chryseobacterium bovis DSM 19482 (TA-Like pair: WP_076782182.1 & WP_076782181.1)
Pseudomonas moraviensis BS3668 (TA-Like pair: WP_083354365.1 & WP_083201923.1)

