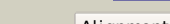
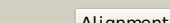


Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	A5A625
Date	Thu Jan 5 10:55:29 GMT 2012
Unique Job ID	188fd1a52e124862

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2a7wa1	 Alignment		60.0	23	Fold: all-alpha NTP pyrophosphatases Superfamily: all-alpha NTP pyrophosphatases Family: HisE-like (PRA-PH)
2	c2a7wF_	 Alignment		58.6	23	PDB header: hydrolase Chain: F: PDB Molecule: phosphoribosyl-atp pyrophosphatase; PDBTitle: crystal structure of phosphoribosyl-atp pyrophosphatase2 from chromobacterium violaceum (atcc 12472). nesg target3 cvr7
3	c1yvwd_	 Alignment		32.5	39	PDB header: hydrolase Chain: D: PDB Molecule: phosphoribosyl-atp pyrophosphatase; PDBTitle: crystal structure of phosphoribosyl-atp2 pyrophosphohydrolase from bacillus cereus. nesgc target3 bcr13.
4	d1yvwa1	 Alignment		32.5	39	Fold: all-alpha NTP pyrophosphatases Superfamily: all-alpha NTP pyrophosphatases Family: HisE-like (PRA-PH)
5	d1y6xa1	 Alignment		27.5	17	Fold: all-alpha NTP pyrophosphatases Superfamily: all-alpha NTP pyrophosphatases Family: HisE-like (PRA-PH)
6	d1yxbal	 Alignment		21.2	19	Fold: all-alpha NTP pyrophosphatases Superfamily: all-alpha NTP pyrophosphatases Family: HisE-like (PRA-PH)
7	c2j1oA_	 Alignment		12.1	45	PDB header: transferase Chain: A: PDB Molecule: geranylgeranyl pyrophosphate synthetase; PDBTitle: geranylgeranyl diphosphate synthase from sinapis alba
8	d2b8ua1	 Alignment		11.3	50	Fold: 4-helical cytokines Superfamily: 4-helical cytokines Family: Short-chain cytokines
9	c3m9uD_	 Alignment		11.0	45	PDB header: transferase Chain: D: PDB Molecule: farnesyl-diphosphate synthase; PDBTitle: crystal structure of geranylgeranyl pyrophosphate synthase2 from lactobacillus brevis atcc 367
10	d1eexa_	 Alignment		9.8	54	Fold: TIM beta/alpha-barrel Superfamily: Cobalamin (vitamin B12)-dependent enzymes Family: Diol dehydratase, alpha subunit
11	c3ipiA_	 Alignment		9.1	32	PDB header: transferase Chain: A: PDB Molecule: geranyltranstransferase; PDBTitle: crystal structure of a geranyltranstransferase from the2 methanosarcina maei

12	c3ucaB_	Alignment		8.2	50	PDB header: transferase Chain: B: PDB Molecule: geranyltranstransferase; PDBTitle: crystal structure of isoprenoid synthase (target efi-501974) from2 clostridium perfringens
13	d1vlya2	Alignment		7.6	13	Fold: Folate-binding domain Superfamily: Folate-binding domain Family: Aminomethyltransferase folate-binding domain
14	d1iupa_	Alignment		7.0	54	Fold: TIM beta/alpha-barrel Superfamily: Cobalamin (vitamin B12)-dependent enzymes Family: Diol dehydratase, alpha subunit
15	c4a94D_	Alignment		6.7	55	PDB header: hydrolase/hydrolase inhibitor Chain: D: PDB Molecule: carboxypeptidase inhibitor; PDBTitle: structure of the carboxypeptidase inhibitor from nerita versicolor2 in complex with human cpa4
16	c2r37A_	Alignment		6.4	10	PDB header: oxidoreductase Chain: A: PDB Molecule: glutathione peroxidase 3; PDBTitle: crystal structure of human glutathione peroxidase 3 (selenocysteine to2 glycine mutant)
17	d1bmlc1	Alignment		6.2	50	Fold: beta-Grasp (ubiquitin-like) Superfamily: Staphylokinase/streptokinase Family: Staphylokinase/streptokinase
18	d1l4db_	Alignment		6.1	50	Fold: beta-Grasp (ubiquitin-like) Superfamily: Staphylokinase/streptokinase Family: Staphylokinase/streptokinase
19	c2h8oA_	Alignment		5.9	41	PDB header: transferase Chain: A: PDB Molecule: geranyltranstransferase; PDBTitle: the 1.6a crystal structure of the geranyltransferase from2 agrobacterium tumefaciens
20	d1l4zb_	Alignment		5.8	50	Fold: beta-Grasp (ubiquitin-like) Superfamily: Staphylokinase/streptokinase Family: Staphylokinase/streptokinase
21	c2fqaa_	Alignment	not modelled	5.3	67	PDB header: plant protein Chain: A: PDB Molecule: violacin 1; PDBTitle: violacin a