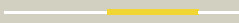


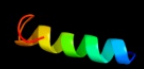
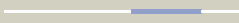




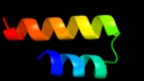



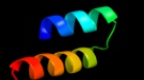



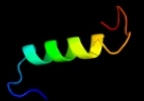



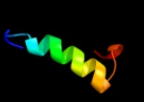

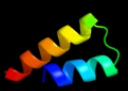









#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1zcdA_	 Alignment		73.7	11	PDB header: membrane protein Chain: A: PDB Molecule: na(+)/h(+) antiporter 1; PDBTitle: crystal structure of the na+/h+ antiporter nhaa
2	c3graA_	 Alignment		23.2	13	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, arac family; PDBTitle: crystal structure of arac family transcriptional regulator from2 pseudomonas putida
3	c2oarA_	 Alignment		20.3	11	PDB header: membrane protein Chain: A: PDB Molecule: large-conductance mechanosensitive channel; PDBTitle: mechanosensitive channel of large conductance (mscl)
4	d2oara1	 Alignment		20.1	10	Fold: Gated mechanosensitive channel Superfamily: Gated mechanosensitive channel Family: Gated mechanosensitive channel
5	c3pl2D_	 Alignment		16.9	22	PDB header: transferase Chain: D: PDB Molecule: sugar kinase, ribokinase family; PDBTitle: crystal structure of a 5-keto-2-deoxygluconokinase (ncgl0155, cgl0158)2 from corynebacterium glutamicum atcc 13032 kitasato at 1.89 a3 resolution
6	d2f02a1	 Alignment		16.6	22	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
7	d2afb1	 Alignment		16.4	16	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
8	d1vm7a_	 Alignment		15.0	13	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
9	c1ciiA_	 Alignment		14.2	14	PDB header: transmembrane protein Chain: A: PDB Molecule: colicin ia; PDBTitle: colicin ia
10	c3er6D_	 Alignment		12.6	7	PDB header: structural genomics, unknown function Chain: D: PDB Molecule: putative transcriptional regulator protein; PDBTitle: crystal structure of a putative transcriptional regulator2 protein from vibrio parahaemolyticus
11	c3nooB_	 Alignment		12.5	17	PDB header: lyase Chain: B: PDB Molecule: thij/pfpi family protein; PDBTitle: crystal structure of c101a isocyanide hydratase from pseudomonas2 fluorescens

12	c3b3lC_	Alignment		11.8	9	PDB header: transferase Chain: C: PDB Molecule: ketohehexokinase; PDBTitle: crystal structures of alternatively-spliced isoforms of human2 ketohehexokinase
13	c3iq0B_	Alignment		9.8	22	PDB header: transferase Chain: B: PDB Molecule: putative ribokinase ii; PDBTitle: crystal structure of a putative ribokinase ii in complex2 with atp and mg+2 from e.coli
14	d2ibge1	Alignment		9.4	56	Fold: Hedgehog/DD-peptidase Superfamily: Hedgehog/DD-peptidase Family: Hedgehog (development protein), N-terminal signaling domain
15	c2jg1C_	Alignment		9.4	19	PDB header: transferase Chain: C: PDB Molecule: tagatose-6-phosphate kinase; PDBTitle: structure of staphylococcus aureus d-tagatose-6-phosphate2 kinase with cofactor and substrate
16	c3ot1B_	Alignment		9.0	17	PDB header: structural genomics Chain: B: PDB Molecule: 4-methyl-5(b-hydroxyethyl)-thiazole monophosphate PDBTitle: crystal structure of vc2308 protein
17	c2dkvA_	Alignment		8.9	22	PDB header: hydrolase Chain: A: PDB Molecule: chitinase; PDBTitle: crystal structure of class i chitinase from oryza sativa l.2 japonica
18	c3ewnA_	Alignment		8.6	17	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: thij/pfpi family protein; PDBTitle: crystal structure of a thij/pfpi family protein from pseudomonas2 syringae
19	d3dlma1	Alignment		8.1	56	Fold: Hedgehog/DD-peptidase Superfamily: Hedgehog/DD-peptidase Family: Hedgehog (development protein), N-terminal signaling domain
20	c2pkkA_	Alignment		7.6	13	PDB header: transferase Chain: A: PDB Molecule: adenosine kinase; PDBTitle: crystal structure of m tuberculosis adenosine kinase complexed with 2-2 fluoro adenosine
21	c3m1nB_	Alignment	not modelled	7.5	56	PDB header: signaling protein Chain: B: PDB Molecule: sonic hedgehog protein; PDBTitle: crystal structure of human sonic hedgehog n-terminal domain
22	d2ab0a1	Alignment	not modelled	7.5	21	Fold: Flavodoxin-like Superfamily: Class I glutamine amidotransferase-like Family: DJ-1/Pfpl
23	d1rkda_	Alignment	not modelled	7.4	26	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
24	c3b1qD_	Alignment	not modelled	6.2	26	PDB header: transferase Chain: D: PDB Molecule: ribokinase, putative; PDBTitle: structure of burkholderia thailandensis nucleoside kinase (bthnk) in2 complex with inosine
25	c3gbuD_	Alignment	not modelled	6.1	16	PDB header: transferase Chain: D: PDB Molecule: uncharacterized sugar kinase ph1459; PDBTitle: crystal structure of an uncharacterized sugar kinase ph1459 from2 pyrococcus horikoshii in complex with atp
26	c3k11A_	Alignment	not modelled	5.8	19	PDB header: hydrolase Chain: A: PDB Molecule: putative glycosyl hydrolase; PDBTitle: crystal structure of putative glycosyl hydrolase (np_813087.1) from2 bacteroides thetaiotaomicron vpi-5482 at 1.80 a resolution