


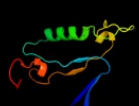

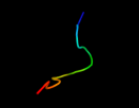













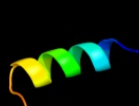



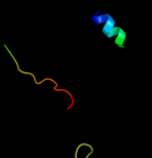




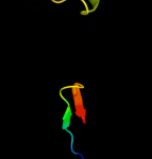
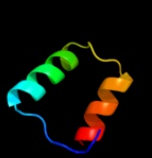
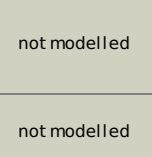


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3dtdl_	 Alignment		98.8	20	PDB header: structural genomics, unknown function Chain: I: PDB Molecule: invasion-associated protein b; PDBTitle: crystal structure of invasion associated protein b from bartonella2 henselae
2	d1jkea_	 Alignment		30.4	12	Fold: DTD-like Superfamily: DTD-like Family: DTD-like
3	d2byca1	 Alignment		18.5	31	Fold: Ferredoxin-like Superfamily: Acylphosphatase/BLUF domain-like Family: BLUF domain
4	c3ko7E_	 Alignment		18.5	12	PDB header: hydrolase Chain: E: PDB Molecule: d-tyrosyl-trna(Tyr) deacylase; PDBTitle: dtd from plasmodium falciparum in complex with d-lysine
5	d1j7ga_	 Alignment		17.4	12	Fold: DTD-like Superfamily: DTD-like Family: DTD-like
6	c2kb2A_	 Alignment		16.3	13	PDB header: signaling protein, hydrolase regulator Chain: A: PDB Molecule: blrp1; PDBTitle: blrp1 bluf
7	d2elca1	 Alignment		16.2	11	Fold: Methionine synthase domain-like Superfamily: Nucleoside phosphorylase/phosphoribosyltransferase N-terminal domain Family: Nucleoside phosphorylase/phosphoribosyltransferase N-terminal domain
8	c2hfnl_	 Alignment		15.8	27	PDB header: electron transport Chain: J: PDB Molecule: synechocystis photoreceptor (slr1694); PDBTitle: crystal structures of the synechocystis photoreceptor slr1694 reveal2 distinct structural states related to signaling
9	c2okvC_	 Alignment		14.2	14	PDB header: hydrolase Chain: C: PDB Molecule: probable d-tyrosyl-trna(Tyr) deacylase 1; PDBTitle: c-myc dna unwinding element binding protein
10	d2o8ra3	 Alignment		14.0	25	Fold: Phospholipase D/nuclease Superfamily: Phospholipase D/nuclease Family: Polyphosphate kinase C-terminal domain
11	d1x0pa1	 Alignment		13.2	27	Fold: Ferredoxin-like Superfamily: Acylphosphatase/BLUF domain-like Family: BLUF domain

12	d1yrxa1	Alignment		12.0	27	Fold: Ferredoxin-like Superfamily: Acylphosphatase/BLUF domain-like Family: BLUF domain
13	c2wjvE_	Alignment		11.3	18	PDB header: hydrolase Chain: E: PDB Molecule: regulator of nonsense transcripts 2; PDBTitle: crystal structure of the complex between human nonsense2 mediated decay factors upf1 and upf2
14	c2dboA_	Alignment		11.1	17	PDB header: hydrolase Chain: A: PDB Molecule: d-tyrosyl-trna(tyr) deacylase; PDBTitle: crystal structure of d-tyr-trna(tyr) deacylase from aquifex aeolicus
15	d2d32a1	Alignment		10.0	19	Fold: Glutamine synthetase/guanido kinase Superfamily: Glutamine synthetase/guanido kinase Family: Glutamate-cysteine ligase
16	c3nztA_	Alignment		9.9	18	PDB header: ligase Chain: A: PDB Molecule: glutamate--cysteine ligase; PDBTitle: 2.0 angstrom crystal structure of glutamate--cysteine ligase (gsha)2 from francisella tularensis in complex with amp
17	d1uoua1	Alignment		9.8	22	Fold: Methionine synthase domain-like Superfamily: Nucleoside phosphorylase/phosphoribosyltransferase N-terminal domain Family: Nucleoside phosphorylase/phosphoribosyltransferase N-terminal domain
18	d1brwa1	Alignment		9.1	17	Fold: Methionine synthase domain-like Superfamily: Nucleoside phosphorylase/phosphoribosyltransferase N-terminal domain Family: Nucleoside phosphorylase/phosphoribosyltransferase N-terminal domain
19	c2ov2O_	Alignment		9.0	14	PDB header: protein binding/transferase Chain: O: PDB Molecule: serine/threonine-protein kinase pak 4; PDBTitle: the crystal structure of the human rac3 in complex with the crib2 domain of human p21-activated kinase 4 (pak4)
20	d1khda1	Alignment		8.8	6	Fold: Methionine synthase domain-like Superfamily: Nucleoside phosphorylase/phosphoribosyltransferase N-terminal domain Family: Nucleoside phosphorylase/phosphoribosyltransferase N-terminal domain
21	d1v8ga1	Alignment	not modelled	8.7	11	Fold: Methionine synthase domain-like Superfamily: Nucleoside phosphorylase/phosphoribosyltransferase N-terminal domain Family: Nucleoside phosphorylase/phosphoribosyltransferase N-terminal domain
22	d1u2ca2	Alignment	not modelled	7.2	29	Fold: Dystroglycan, domain 2 Superfamily: Dystroglycan, domain 2 Family: Dystroglycan, domain 2
23	d2tpta1	Alignment	not modelled	7.2	23	Fold: Methionine synthase domain-like Superfamily: Nucleoside phosphorylase/phosphoribosyltransferase N-terminal domain Family: Nucleoside phosphorylase/phosphoribosyltransferase N-terminal domain
24	c2odbB_	Alignment	not modelled	7.2	23	PDB header: protein binding Chain: B: PDB Molecule: serine/threonine-protein kinase pak 6; PDBTitle: the crystal structure of human cdc42 in complex with the crib domain2 of human p21-activated kinase 6 (pak6)
25	d1j26a_	Alignment	not modelled	6.8	22	Fold: dsRBD-like Superfamily: Peptidyl-tRNA hydrolase domain-like Family: Peptidyl-tRNA hydrolase domain
26	c2o8rA_	Alignment	not modelled	6.7	24	PDB header: transferase Chain: A: PDB Molecule: polyphosphate kinase; PDBTitle: crystal structure of polyphosphate kinase from2 porphyromonas gingivalis
27	c2bs5A_	Alignment	not modelled	6.6	28	PDB header: sugar binding protein Chain: A: PDB Molecule: fucose-binding lectin protein; PDBTitle: lectin from ralstonia solanacearum complexed with 2-2 fucosyllactose
28	d1o17a1	Alignment	not modelled	6.4	8	Fold: Methionine synthase domain-like Superfamily: Nucleoside phosphorylase/phosphoribosyltransferase N-terminal domain

					Family: Nucleoside phosphorylase/phosphoribosyltransferase N-terminal domain
29	d1f9fa_	Alignment	not modelled	6.4	15 Fold: Ferredoxin-like Superfamily: Viral DNA-binding domain Family: Viral DNA-binding domain
30	c3ln6A_	Alignment	not modelled	6.1	31 PDB header: ligase Chain: A: PDB Molecule: glutathione biosynthesis bifunctional protein gshab; PDBTitle: crystal structure of a bifunctional glutathione synthetase from2 streptococcus agalactiae
31	d1ut9a1	Alignment	not modelled	6.1	6 Fold: alpha/alpha toroid Superfamily: Six-hairpin glycosidases Family: Cellulases catalytic domain
32	c3ln7A_	Alignment	not modelled	6.1	44 PDB header: ligase Chain: A: PDB Molecule: glutathione biosynthesis bifunctional protein gshab; PDBTitle: crystal structure of a bifunctional glutathione synthetase from2 pasteurilla multocida
33	c1wz5A_	Alignment	not modelled	6.0	78 PDB header: toxin Chain: A: PDB Molecule: potassium channel blocking toxin 1; PDBTitle: solution structure of pi1-3p
34	c1f3mB_	Alignment	not modelled	6.0	21 PDB header: transferase Chain: B: PDB Molecule: serine/threonine-protein kinase pak-alpha; PDBTitle: crystal structure of human serine/threonine kinase pak1
35	c1w8xN_	Alignment	not modelled	5.7	14 PDB header: virus Chain: N: PDB Molecule: protein p31; PDBTitle: structural analysis of prd1
36	c1e0aB_	Alignment	not modelled	5.6	14 PDB header: signalling protein Chain: B: PDB Molecule: serine/threonine-protein kinase pak-alpha; PDBTitle: cdc42 complexed with the gtpase binding domain of p212 activated kinase