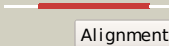
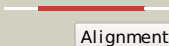
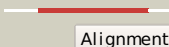
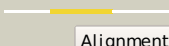
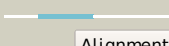
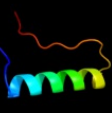


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3ptjA_	 Alignment		100.0	17	PDB header: hydrolase Chain: A: PDB Molecule: upf0603 protein at1g54780, chloroplastic; PDBTitle: structural and functional analysis of arabidopsis thaliana thylakoid2 lumen protein attlp18.3
2	c2kw7A_	 Alignment		100.0	29	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: conserved domain protein; PDBTitle: solution nmr structure of the n-terminal domain of protein pg_03612 from p.gingivalis, northeast structural genomics consortium target3 pgr37a
3	c2kptA_	 Alignment		100.0	17	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: putative secreted protein; PDBTitle: solution nmr structure of the n-terminal domain of cg24962 protein from corynebacterium glutamicum. northeast3 structural genomics consortium target cgr26a
4	c3g98B_	 Alignment		76.3	11	PDB header: ligase Chain: B: PDB Molecule: alanyl-trna synthetase; PDBTitle: crystal structure of the c-ala domain from aquifex aeolicus2 alanyl-trna synthetase
5	d3b48a1	 Alignment		42.3	14	Fold: PTS system fructose IIA component-like Superfamily: PTS system fructose IIA component-like Family: DhaM-like
6	c2vkcA_	 Alignment		33.2	18	PDB header: hydrolase Chain: A: PDB Molecule: nedd4-binding protein 2; PDBTitle: solution structure of the b3bp smr domain
7	d1j3wa_	 Alignment		31.4	22	Fold: Profilin-like Superfamily: Roadblock/LC7 domain Family: Roadblock/LC7 domain
8	c3bj5A_	 Alignment		30.8	7	PDB header: isomerase Chain: A: PDB Molecule: protein disulfide-isomerase; PDBTitle: alternative conformations of the x region of human protein disulfide-2 isomerase modulate exposure of the substrate binding b' domain
9	c1j3wB_	 Alignment		25.7	20	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: giding protein-mglb; PDBTitle: structure of gliding protein-mglb from thermus thermophilus hb8
10	d1yg6a1	 Alignment		25.2	8	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Clp protease, ClpP subunit
11	c1qzwc_	 Alignment		25.2	11	PDB header: signaling protein/rna Chain: C: PDB Molecule: signal recognition 54 kda protein; PDBTitle: crystal structure of the complete core of archaeal srp and2 implications for inter-domain communication

12	c3pdiG_	Alignment		22.4	15	PDB header: protein binding Chain: G: PDB Molecule: nitrogenase mofe cofactor biosynthesis protein nife; PDBTitle: precursor bound nifen
13	d2cbya1	Alignment		21.2	11	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Clp protease, ClpP subunit
14	d1cvra2	Alignment		18.1	13	Fold: Caspase-like Superfamily: Caspase-like Family: Gingipain R (RgpB), N-terminal domain
15	d1y7oa1	Alignment		17.4	14	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Clp protease, ClpP subunit
16	c2deoA_	Alignment		17.1	7	PDB header: hydrolase Chain: A: PDB Molecule: 441aa long hypothetical nfe protein; PDBTitle: 1510-n membrane protease specific for a stomatin homolog from2 pyrococcus horikoshii
17	c3ds8A_	Alignment		17.1	12	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: lin2722 protein; PDBTitle: the crystal structure of the gene lin2722 products from listeria2 innocua
18	d1y9ua_	Alignment		16.9	17	Fold: Periplasmic binding protein-like II Superfamily: Periplasmic binding protein-like II Family: Phosphate binding protein-like
19	c2l8bA_	Alignment		16.7	23	PDB header: hydrolase Chain: A: PDB Molecule: protein trai; PDBTitle: trai (381-569)
20	c3kthD_	Alignment		15.5	10	PDB header: hydrolase Chain: D: PDB Molecule: atp-dependent clp protease proteolytic subunit; PDBTitle: structure of clpp from bacillus subtilis in orthorhombic crystal form
21	d2d9ia1	Alignment	not modelled	15.4	19	Fold: IF3-like Superfamily: SMR domain-like Family: Smr domain
22	d1a1va1	Alignment	not modelled	15.2	9	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: RNA helicase
23	c3iprC_	Alignment	not modelled	15.2	9	PDB header: transferase Chain: C: PDB Molecule: pts system, iia component; PDBTitle: crystal structure of the enterococcus faecalis gluconate2 specific eiiA phosphotransferase system component
24	c1tg6G_	Alignment	not modelled	14.6	4	PDB header: hydrolase Chain: G: PDB Molecule: putative atp-dependent clp protease proteolytic subunit; PDBTitle: crystallography and mutagenesis point to an essential role for the n-2 terminus of human mitochondrial clpp
25	c2j37W_	Alignment	not modelled	14.4	13	PDB header: ribosome Chain: W: PDB Molecule: signal recognition particle 54 kda protein PDBTitle: model of mammalian srp bound to 80s rncs
26	c1cvrA_	Alignment	not modelled	14.2	13	PDB header: hydrolase/hydrolase inhibitor Chain: A: PDB Molecule: gingipain r; PDBTitle: crystal structure of the arg specific cysteine proteinase gingipain r2 (rgpb)
27	c2zvfG_	Alignment	not modelled	13.9	16	PDB header: ligase Chain: G: PDB Molecule: alanyl-trna synthetase; PDBTitle: crystal structure of archaeoglobus fulgidus alanyl-trna2 synthetase c-terminal dimerization domain
28	c2cbyG_	Alignment	not modelled	13.6	12	PDB header: hydrolase Chain: G: PDB Molecule: atp-dependent clp protease proteolytic subunit 1; PDBTitle: crystal structure of the atp-dependent clp protease2

					proteolytic subunit 1 (clpp1) from mycobacterium3 tuberculosis
29	c1g6uB_	Alignment	not modelled	13.4	16 PDB header: de novo protein Chain: B: PDB Molecule: domain swapped dimer; PDBTitle: crystal structure of a domain swapped dimer
30	d1xvya_	Alignment	not modelled	13.2	9 Fold: Periplasmic binding protein-like II Superfamily: Periplasmic binding protein-like II Family: Phosphate binding protein-like
31	d1omza_	Alignment	not modelled	13.1	7 Fold: Nucleotide-diphospho-sugar transferases Superfamily: Nucleotide-diphospho-sugar transferases Family: Exostosin
32	d1pdoa_	Alignment	not modelled	12.9	17 Fold: PTS system fructose IIA component-like Superfamily: PTS system fructose IIA component-like Family: EIIA-man component-like
33	d1xc1a_	Alignment	not modelled	12.3	13 Fold: Periplasmic binding protein-like II Superfamily: Periplasmic binding protein-like II Family: Phosphate binding protein-like
34	d1nnfa_	Alignment	not modelled	12.2	16 Fold: Periplasmic binding protein-like II Superfamily: Periplasmic binding protein-like II Family: Phosphate binding protein-like
35	c2169A_	Alignment	not modelled	12.1	24 PDB header: de novo protein Chain: A: PDB Molecule: rossmann 2x3 fold protein; PDBTitle: solution nmr structure of de novo designed protein, p-loop ntpase2 fold, northeast structural genomics consortium target or28
36	c3lfjB_	Alignment	not modelled	11.1	15 PDB header: transferase Chain: B: PDB Molecule: phosphotransferase system, mannose/fructose/n- PDBTitle: crystal structure of manxb from thermoanaerobacter tengcongensis
37	d1y4ta_	Alignment	not modelled	11.0	3 Fold: Periplasmic binding protein-like II Superfamily: Periplasmic binding protein-like II Family: Phosphate binding protein-like
38	d1tg6a1	Alignment	not modelled	10.3	4 Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Clp protease, ClpP subunit
39	c3gdwA_	Alignment	not modelled	10.0	7 PDB header: structural genomics, unknown function Chain: A: PDB Molecule: sigma-54 interaction domain protein; PDBTitle: crystal structure of sigma-54 interaction domain protein from2 enterococcus faecalis
40	c2j289_	Alignment	not modelled	9.9	10 PDB header: ribosome Chain: 9: PDB Molecule: signal recognition particle 54; PDBTitle: model of e. coli srp bound to 70s rncs
41	c3bqhA_	Alignment	not modelled	9.8	18 PDB header: oxidoreductase Chain: A: PDB Molecule: peptide methionine sulfoxide reductase msra/msrb; PDBTitle: structure of the central domain (msra) of neisseria meningitidis pilb2 (oxidized form)
42	d1xvxa_	Alignment	not modelled	9.8	9 Fold: Periplasmic binding protein-like II Superfamily: Periplasmic binding protein-like II Family: Phosphate binding protein-like
43	d3ct6a1	Alignment	not modelled	9.1	14 Fold: PTS system fructose IIA component-like Superfamily: PTS system fructose IIA component-like Family: DhaM-like
44	c2vqzB_	Alignment	not modelled	8.9	25 PDB header: transcription Chain: B: PDB Molecule: polymerase basic protein 2; PDBTitle: structure of the cap-binding domain of influenza virus2 polymerase subunit pb2 with bound m7gtp
45	d1u8sa1	Alignment	not modelled	8.7	4 Fold: Ferredoxin-like Superfamily: ACT-like Family: Glycine cleavage system transcriptional repressor
46	c3p21D_	Alignment	not modelled	8.7	6 PDB header: hydrolase Chain: D: PDB Molecule: atp-dependent clp protease proteolytic subunit; PDBTitle: crystal structure of atp-dependent clp protease subunit p from2 francisella tularensis
47	c2a02A_	Alignment	not modelled	8.6	7 PDB header: membrane protein, metal transport Chain: A: PDB Molecule: ferric-pseudobactin 358 receptor; PDBTitle: solution nmr structure of the periplasmic signaling domain2 of the outer membrane iron transporter pupa from3 pseudomonas putida.
48	d1ta8a_	Alignment	not modelled	8.5	19 Fold: ATP-grasp Superfamily: DNA ligase/mRNA capping enzyme, catalytic domain Family: Adenylation domain of NAD+-dependent DNA ligase
49	c2ayaA_	Alignment	not modelled	8.3	12 PDB header: transferase Chain: A: PDB Molecule: dna polymerase iii subunit tau; PDBTitle: solution structure of the c-terminal 14 kda domain of the2 tau subunit from escherichia coli dna polymerase iii
50	c2iy3A_	Alignment	not modelled	8.2	13 PDB header: rna-binding Chain: A: PDB Molecule: signal recognition particle protein ffh; PDBTitle: structure of the e. coli signal recognition particle2 bound to a translating ribosome
51	d2vvpal	Alignment	not modelled	8.1	13 Fold: Ribose/Galactose isomerase RpiB/AlsB Superfamily: Ribose/Galactose isomerase RpiB/AlsB Family: Ribose/Galactose isomerase RpiB/AlsB
52	c3pbjE_	Alignment	not modelled	8.1	21 PDB header: de novo protein Chain: E: PDB Molecule: coil ser 19l-pen 123h; PDBTitle: hydrolytic catalysis and structural stabilization in a designed2 metalloprotein
53	c3pbjC_	Alignment	not modelled	8.0	24 PDB header: de novo protein Chain: C: PDB Molecule: coil ser 19l-pen 123h; PDBTitle: hydrolytic catalysis and structural stabilization in a designed2 metalloprotein
					PDB header: de novo protein

54	c3pbjD_	Alignment	not modelled	8.0	24	Chain: D: PDB Molecule: coil ser 19l-pen 123h; PDBTitle: hydrolytic catalysis and structural stabilization in a designed2 metalloprotein
55	c3pbjA_	Alignment	not modelled	8.0	24	PDB header: de novo protein Chain: A: PDB Molecule: coil ser 19l-pen 123h; PDBTitle: hydrolytic catalysis and structural stabilization in a designed2 metalloprotein
56	c3pbjF_	Alignment	not modelled	8.0	24	PDB header: de novo protein Chain: F: PDB Molecule: coil ser 19l-pen 123h; PDBTitle: hydrolytic catalysis and structural stabilization in a designed2 metalloprotein
57	c3pbjB_	Alignment	not modelled	8.0	24	PDB header: de novo protein Chain: B: PDB Molecule: coil ser 19l-pen 123h; PDBTitle: hydrolytic catalysis and structural stabilization in a designed2 metalloprotein
58	d2o8ia1	Alignment	not modelled	8.0	15	Fold: UraD-like Superfamily: UraD-Like Family: UraD-like
59	c3dm5A_	Alignment	not modelled	7.8	17	PDB header: rna binding protein, transport protein Chain: A: PDB Molecule: signal recognition 54 kda protein; PDBTitle: structures of srp54 and srp19, the two proteins assembling2 the ribonucleic core of the signal recognition particle3 from the archaeon pyrococcus furiosus.
60	c3pi1A_	Alignment	not modelled	7.5	24	PDB header: oxidoreductase Chain: A: PDB Molecule: peptide methionine sulfoxide reductase; PDBTitle: crystal structure of nxr1 from saccharomyces cerevisiae in reduced2 form
61	c1ii8B_	Alignment	not modelled	7.4	9	PDB header: replication Chain: B: PDB Molecule: rad50 abc-atpase; PDBTitle: crystal structure of the p. furiosus rad50 atpase domain
62	c2q37A_	Alignment	not modelled	7.3	10	PDB header: plant protein, lyase Chain: A: PDB Molecule: ohcu decarboxylase; PDBTitle: crystal structure of ohcu decarboxylase in the presence of2 (s)-allantoin
63	d2q37a1	Alignment	not modelled	7.3	10	Fold: UraD-like Superfamily: UraD-Like Family: UraD-like
64	c3pn1A_	Alignment	not modelled	7.3	19	PDB header: ligase/ligase inhibitor Chain: A: PDB Molecule: dna ligase; PDBTitle: novel bacterial nad+-dependent dna ligase inhibitors with broad2 spectrum potency and antibacterial efficacy in vivo
65	c3gx1A_	Alignment	not modelled	7.1	10	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: lin1832 protein; PDBTitle: crystal structure of a domain of lin1832 from listeria innocua
66	d1j3sa_	Alignment	not modelled	6.9	17	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
67	c2d3o1_	Alignment	not modelled	6.8	16	PDB header: ribosome Chain: 1: PDB Molecule: trigger factor; PDBTitle: structure of ribosome binding domain of the trigger factor2 on the 50s ribosomal subunit from d. radiodurans
68	c3c9hB_	Alignment	not modelled	6.7	13	PDB header: transport protein Chain: B: PDB Molecule: abc transporter, substrate binding protein; PDBTitle: crystal structure of the substrate binding protein of the abc2 transporter from agrobacterium tumefaciens
69	d1ofda1	Alignment	not modelled	6.6	13	Fold: Single-stranded right-handed beta-helix Superfamily: Alpha subunit of glutamate synthase, C-terminal domain Family: Alpha subunit of glutamate synthase, C-terminal domain
70	d1nn4a_	Alignment	not modelled	6.4	19	Fold: Ribose/Galactose isomerase RpiB/AlsB Superfamily: Ribose/Galactose isomerase RpiB/AlsB Family: Ribose/Galactose isomerase RpiB/AlsB
71	d1xpja_	Alignment	not modelled	6.2	19	Fold: HAD-like Superfamily: HAD-like Family: Hypothetical protein VC0232
72	d1efpb_	Alignment	not modelled	6.1	10	Fold: Adenine nucleotide alpha hydrolase-like Superfamily: Adenine nucleotide alpha hydrolases-like Family: ETFP subunits
73	d1sd4a_	Alignment	not modelled	6.1	37	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Penicillinase repressor
74	c2z0sA_	Alignment	not modelled	5.9	5	PDB header: rna binding protein Chain: A: PDB Molecule: probable exosome complex rna-binding protein 1; PDBTitle: crystal structure of putative exosome complex rna-binding2 protein
75	d1wejf_	Alignment	not modelled	5.8	17	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
76	c2h8lA_	Alignment	not modelled	5.6	7	PDB header: isomerase Chain: A: PDB Molecule: protein disulfide-isomerase a3; PDBTitle: crystal structure of the bb' fragment of erp57