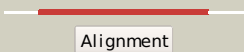

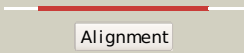


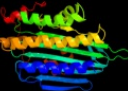




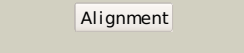
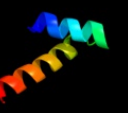
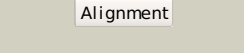

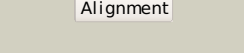
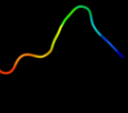


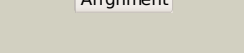

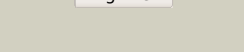
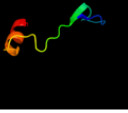
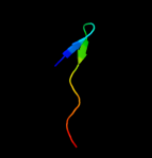
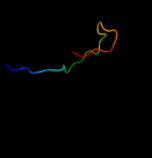
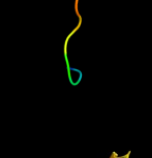
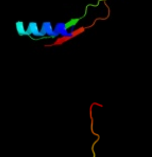


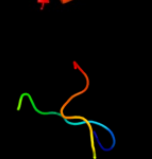
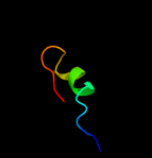
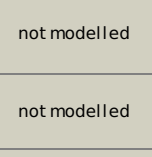


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2aexA_	 Alignment		100.0	48	PDB header: oxidoreductase Chain: A: PDB Molecule: coproporphyrinogen iii oxidase, mitochondrial; PDBTitle: the 1.58a crystal structure of human coproporphyrinogen oxidase2 reveals the structural basis of hereditary coproporphyrria
2	d1tkla_	 Alignment		100.0	47	Fold: Coproporphyrinogen III oxidase Superfamily: Coproporphyrinogen III oxidase Family: Coproporphyrinogen III oxidase
3	d1vjua_	 Alignment		100.0	66	Fold: Coproporphyrinogen III oxidase Superfamily: Coproporphyrinogen III oxidase Family: Coproporphyrinogen III oxidase
4	d1txna_	 Alignment		100.0	44	Fold: Coproporphyrinogen III oxidase Superfamily: Coproporphyrinogen III oxidase Family: Coproporphyrinogen III oxidase
5	c3lm3A_	 Alignment		47.3	42	PDB header: unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of a putative glycoside hydrolase/deacetylase2 (bdi_3119) from parabacteroides distasonis at 1.44 a resolution
6	d1ci4a_	 Alignment		35.3	18	Fold: SAM domain-like Superfamily: Barrier-to-autointegration factor, BAF Family: Barrier-to-autointegration factor, BAF
7	d1kkoa2	 Alignment		28.7	40	Fold: Enolase N-terminal domain-like Superfamily: Enolase N-terminal domain-like Family: Enolase N-terminal domain-like
8	d1kcza2	 Alignment		28.3	50	Fold: Enolase N-terminal domain-like Superfamily: Enolase N-terminal domain-like Family: Enolase N-terminal domain-like
9	c3fubA_	 Alignment		27.9	27	PDB header: hormone Chain: A: PDB Molecule: gdnf family receptor alpha-1; PDBTitle: crystal structure of gdnf-gfralpha1 complex
10	c2v5eA_	 Alignment		27.3	27	PDB header: receptor/glycoprotein complex Chain: A: PDB Molecule: gdnf family receptor alpha-1; PDBTitle: the structure of the gdnf:coreceptor complex: insights2 into ret signalling and heparin binding.
11	d1y7pa2	 Alignment		26.9	26	Fold: Ferredoxin-like Superfamily: ACT-like Family: AF1403 N-terminal domain-like

12	c2r7tA_	Alignment		21.7	38	PDB header: transferase/rna Chain: A: PDB Molecule: rna-dependent rna polymerase; PDBTitle: crystal structure of rotavirus sa11 vp1/rna (ugugaacc)2 complex
13	c2r39A_	Alignment		21.1	27	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: fixg-related protein; PDBTitle: crystal structure of fixg-related protein from vibrio parahaemolyticus
14	c1kkoB_	Alignment		18.5	40	PDB header: lyase Chain: B: PDB Molecule: 3-methylaspartate ammonia-lyase; PDBTitle: crystal structure of citrobacter amalonaticus2 methylaspartate ammonia lyase
15	d1j2ga1	Alignment		16.7	15	Fold: T-fold Superfamily: Tetrahydrobiopterin biosynthesis enzymes-like Family: Urate oxidase (uricase)
16	d1bdfa1	Alignment		16.1	33	Fold: DCoH-like Superfamily: RBP11-like subunits of RNA polymerase Family: RNA polymerase alpha subunit dimerisation domain
17	d1t9ka_	Alignment		16.0	18	Fold: NagB/RpiA/CoA transferase-like Superfamily: NagB/RpiA/CoA transferase-like Family: IF2B-like
18	d1gg4a1	Alignment		15.7	21	Fold: MurD-like peptide ligases, peptide-binding domain Superfamily: MurD-like peptide ligases, peptide-binding domain Family: MurCDEF C-terminal domain
19	c2pbyB_	Alignment		14.9	71	PDB header: hydrolase Chain: B: PDB Molecule: glutaminase; PDBTitle: probable glutaminase from geobacillus kaustophilus hta426
20	d1yuaa1	Alignment		13.1	47	Fold: Rubredoxin-like Superfamily: Zinc beta-ribbon Family: Prokaryotic DNA topoisomerase I, a C-terminal fragment
21	c3ccjU_	Alignment	not modelled	13.0	29	PDB header: ribosome Chain: U: PDB Molecule: 50s ribosomal protein l24e; PDBTitle: structure of anisomycin resistant 50s ribosomal subunit: 23s rrna2 mutation c2534u
22	d1vb5a_	Alignment	not modelled	12.8	22	Fold: NagB/RpiA/CoA transferase-like Superfamily: NagB/RpiA/CoA transferase-like Family: IF2B-like
23	c2yvka_	Alignment	not modelled	12.7	16	PDB header: isomerase Chain: A: PDB Molecule: methylthioribose-1-phosphate isomerase; PDBTitle: crystal structure of 5-methylthioribose 1-phosphate2 isomerase product complex from bacillus subtilis
24	c3llxA_	Alignment	not modelled	12.5	12	PDB header: isomerase Chain: A: PDB Molecule: predicted amino acid aldolase or racemase; PDBTitle: crystal structure of an ala racemase-like protein (ii1761) from2 idiomarina loihiensis at 1.50 a resolution
25	d1vqou1	Alignment	not modelled	12.3	29	Fold: Glucocorticoid receptor-like (DNA-binding domain) Superfamily: Glucocorticoid receptor-like (DNA-binding domain) Family: Ribosomal protein L24e
26	d1auna_	Alignment	not modelled	12.0	38	Fold: Osmotin, thaumatin-like protein Superfamily: Osmotin, thaumatin-like protein Family: Osmotin, thaumatin-like protein
27	d2yzca1	Alignment	not modelled	11.7	26	Fold: T-fold Superfamily: Tetrahydrobiopterin biosynthesis enzymes-like Family: Urate oxidase (uricase)
28	c2zkru_	Alignment	not modelled	11.6	43	PDB header: ribosomal protein/rna Chain: U: PDB Molecule: rna expansion segment es41; PDBTitle: structure of a mammalian ribosomal 60s subunit within an2 80s complex obtained by docking homology models of the rna3 and proteins into an 8.7 a cryo-em map

29	d1wmxb_	Alignment	not modelled	11.6	35	Fold: Galactose-binding domain-like Superfamily: Galactose-binding domain-like Family: Family 30 carbohydrate binding module, CBM30 (PKD repeat)
30	c1w2wj_	Alignment	not modelled	11.5	22	PDB header: isomerase Chain: J: PDB Molecule: 5-methylthioribose-1-phosphate isomerase; PDBTitle: crystal structure of yeast ypr118w, a methylthioribose-1-2 phosphate isomerase related to regulatory eif2b subunits
31	c3uo9B_	Alignment	not modelled	11.3	14	PDB header: hydrolase/hydrolase inhibitor Chain: B: PDB Molecule: glutaminase kidney isoform, mitochondrial; PDBTitle: crystal structure of human gac in complex with glutamate and bptes
32	c2d35A_	Alignment	not modelled	11.1	60	PDB header: cell cycle Chain: A: PDB Molecule: cell division activator ceda; PDBTitle: solution structure of cell division reactivation factor,2 ceda
33	c1yuaA_	Alignment	not modelled	10.9	47	PDB header: dna binding protein Chain: A: PDB Molecule: topoisomerase i; PDBTitle: c-terminal domain of escherichia coli topoisomerase i
34	c2bn8A_	Alignment	not modelled	10.9	60	PDB header: cell cycle protein Chain: A: PDB Molecule: cell division activator ceda; PDBTitle: solution structure and interactions of the e.coli cell12 division activator protein ceda
35	c2yk5A_	Alignment	not modelled	10.7	13	PDB header: transferase Chain: A: PDB Molecule: cmp-n-acetylneuraminate-beta-galactosamide-alpha-2,3- PDBTitle: structure of neisseria los-specific sialyltransferase (nst),2 in complex with cmp.
36	c3n2bD_	Alignment	not modelled	10.5	17	PDB header: lyase Chain: D: PDB Molecule: diaminopimelate decarboxylase; PDBTitle: 1.8 angstrom resolution crystal structure of diaminopimelate2 decarboxylase (lysa) from vibrio cholerae.
37	d2fk1a1	Alignment	not modelled	10.0	33	Fold: Dodecin subunit-like Superfamily: Amyloid beta a4 protein copper binding domain (domain 2) Family: Amyloid beta a4 protein copper binding domain (domain 2)
38	c3ecsD_	Alignment	not modelled	9.9	24	PDB header: translation Chain: D: PDB Molecule: translation initiation factor eif-2b subunit PDBTitle: crystal structure of human eif2b alpha
39	c4a1eT_	Alignment	not modelled	9.6	29	PDB header: ribosome Chain: T: PDB Molecule: rpl24; PDBTitle: t thermophila 60s ribosomal subunit in complex with2 initiation factor 6. this file contains 5s rrna, 5.8s rrna3 and proteins of molecule 1
40	d1ccwb_	Alignment	not modelled	9.5	23	Fold: TIM beta/alpha-barrel Superfamily: Cobalamin (vitamin B12)-dependent enzymes Family: Glutamate mutase, large subunit
41	c1u2zC_	Alignment	not modelled	9.4	14	PDB header: transferase Chain: C: PDB Molecule: histone-lysine n-methyltransferase, h3 lysine-79 PDBTitle: crystal structure of histone k79 methyltransferase dot1p2 from yeast
42	c2ebsB_	Alignment	not modelled	9.2	21	PDB header: hydrolase Chain: B: PDB Molecule: oligoxyloglucan reducing end-specific PDBTitle: crystal structure anaalysis of oligoxyloglucan reducing-end-2 specific cellobiohydrolase (oxg-rcbh) d465n mutant3 complexed with a xyloglucan heptasaccharide
43	c3f42A_	Alignment	not modelled	9.2	24	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: protein hp0035; PDBTitle: crystal structure of uncharacterized protein hp0035 from helicobacter2 pylori
44	c3izcZ_	Alignment	not modelled	9.1	29	PDB header: ribosome Chain: Z: PDB Molecule: 60s ribosomal protein rpl24 (l24e); PDBTitle: localization of the large subunit ribosomal proteins into a 6.1 a2 cryo-em map of saccharomyces cerevisiae translating 80s ribosome
45	d1e88a3	Alignment	not modelled	9.1	38	Fold: Fnl-like domain Superfamily: Fnl-like domain Family: Fibronectin type I module
46	d2piaa2	Alignment	not modelled	9.1	18	Fold: Ferredoxin reductase-like, C-terminal NADP-linked domain Superfamily: Ferredoxin reductase-like, C-terminal NADP-linked domain Family: Aromatic dioxygenase reductase-like
47	d1uc8a1	Alignment	not modelled	8.8	14	Fold: PreATP-grasp domain Superfamily: PreATP-grasp domain Family: Lysine biosynthesis enzyme LysX, N-terminal domain
48	d1tvca2	Alignment	not modelled	8.8	22	Fold: Ferredoxin reductase-like, C-terminal NADP-linked domain Superfamily: Ferredoxin reductase-like, C-terminal NADP-linked domain Family: Aromatic dioxygenase reductase-like
49	d1u5la_	Alignment	not modelled	8.6	10	Fold: Prion-like Superfamily: Prion-like Family: Prion-like
50	d1tz9a_	Alignment	not modelled	8.3	13	Fold: TIM beta/alpha-barrel Superfamily: Xylose isomerase-like Family: UxuA-like
51	d1tzpa_	Alignment	not modelled	8.2	35	Fold: Hedgehog/DD-peptidase Superfamily: Hedgehog/DD-peptidase Family: MepA-like
52	d2a0ua1	Alignment	not modelled	8.1	16	Fold: NagB/RpiA/CoA transferase-like Superfamily: NagB/RpiA/CoA transferase-like Family: IF2B-like
53	d1gff1_	Alignment	not modelled	7.9	67	Fold: Nucleoplasmin-like/VP (viral coat and capsid proteins) Superfamily: ssDNA viruses

						Family: Microviridae-like VP
54	d1qfja2	Alignment	not modelled	7.9	14	Fold: Ferredoxin reductase-like, C-terminal NADP-linked domain Superfamily: Ferredoxin reductase-like, C-terminal NADP-linked domain Family: Reductases
55	c3iz5Z	Alignment	not modelled	7.7	29	PDB header: ribosome Chain: Z: PDB Molecule: 60s ribosomal protein l24 (l24e); PDBTitle: localization of the large subunit ribosomal proteins into a 5.5 a2 cryo-em map of triticum aestivum translating 80s ribosome
56	d1pzra	Alignment	not modelled	7.7	86	Fold: HLH-like Superfamily: Docking domain B of the erythromycin polyketide synthase (DEBS) Family: Docking domain B of the erythromycin polyketide synthase (DEBS)
57	d1ulva3	Alignment	not modelled	7.7	40	Fold: Immunoglobulin-like beta-sandwich Superfamily: CBD9-like Family: Glucodextranase, domain C
58	d2ibaa1	Alignment	not modelled	7.5	16	Fold: T-fold Superfamily: Tetrahydrobiopterin biosynthesis enzymes-like Family: Urate oxidase (uricase)
59	d3be7a1	Alignment	not modelled	7.4	27	Fold: Composite domain of metallo-dependent hydrolases Superfamily: Composite domain of metallo-dependent hydrolases Family: Zn-dependent arginine carboxypeptidase-like
60	c3cxjB	Alignment	not modelled	7.4	15	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of an uncharacterized protein from2 methanothermobacter thermautotrophicus
61	c2jv4A	Alignment	not modelled	7.4	25	PDB header: isomerase Chain: A: PDB Molecule: peptidyl-prolyl cis/trans isomerase; PDBTitle: structure characterisation of pina ww domain and comparison2 with other group iv ww domains, pin1 and ess1
62	c2xdyA	Alignment	not modelled	7.4	20	PDB header: rna binding protein Chain: A: PDB Molecule: post-transcriptional gene silencing protein qde-2; PDBTitle: crystal structure of the n. crassa qde-2 ago mid domain
63	d2d6fc2	Alignment	not modelled	7.4	44	Fold: DCoH-like Superfamily: GAD domain-like Family: GAD domain
64	d2bi0a1	Alignment	not modelled	7.3	46	Fold: Thioesterase/thiol ester dehydrase-isomerase Superfamily: Thioesterase/thiol ester dehydrase-isomerase Family: MaoC-like
65	d1edta	Alignment	not modelled	7.3	30	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Type II chitinase
66	d1ny722	Alignment	not modelled	7.3	27	Fold: Nucleoplasmin-like/VP (viral coat and capsid proteins) Superfamily: Positive stranded ssRNA viruses Family: Comoviridae-like VP
67	d1pcva	Alignment	not modelled	7.3	38	Fold: Osmotin, thaumatin-like protein Superfamily: Osmotin, thaumatin-like protein Family: Osmotin, thaumatin-like protein
68	d1ddga2	Alignment	not modelled	7.2	25	Fold: Ferredoxin reductase-like, C-terminal NADP-linked domain Superfamily: Ferredoxin reductase-like, C-terminal NADP-linked domain Family: NADPH-cytochrome p450 reductase-like
69	c2rhfA	Alignment	not modelled	7.2	13	PDB header: hydrolase Chain: A: PDB Molecule: dna helicase recq; PDBTitle: d. radiodurans recq hrdc domain 3
70	c3n8bB	Alignment	not modelled	7.1	14	PDB header: nucleic acid binding protein Chain: B: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of borrelia burgdorferi pur-alpha
71	cli7wB	Alignment	not modelled	7.1	50	PDB header: cell adhesion Chain: B: PDB Molecule: epithelial-cadherin; PDBTitle: beta-catenin/phosphorylated e-cadherin complex
72	d1e8ga1	Alignment	not modelled	7.0	10	Fold: Ferredoxin-like Superfamily: FAD-linked oxidases, C-terminal domain Family: Vanillyl-alcohol oxidase-like
73	c3nzpA	Alignment	not modelled	7.0	22	PDB header: lyase Chain: A: PDB Molecule: arginine decarboxylase; PDBTitle: crystal structure of the biosynthetic arginine decarboxylase spea from2 campylobacter jejuni, northeast structural genomics consortium target3 br53
74	c3nm7C	Alignment	not modelled	7.0	14	PDB header: nucleic acid binding protein Chain: C: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of borrelia burgdorferi pur-alpha
75	d1pgl22	Alignment	not modelled	6.9	36	Fold: Nucleoplasmin-like/VP (viral coat and capsid proteins) Superfamily: Positive stranded ssRNA viruses Family: Comoviridae-like VP
76	c2j3zA	Alignment	not modelled	6.9	18	PDB header: toxin Chain: A: PDB Molecule: c2 toxin component i; PDBTitle: crystal structure of the enzymatic component c2-i of the2 c2-toxin from clostridium botulinum at ph 6.1
77	c3nzqB	Alignment	not modelled	6.8	41	PDB header: lyase Chain: B: PDB Molecule: biosynthetic arginine decarboxylase; PDBTitle: crystal structure of biosynthetic arginine decarboxylase adc (spea)2 from escherichia coli, northeast structural genomics consortium3 target er600
78	c3nm7D	Alignment	not modelled	6.7	14	PDB header: nucleic acid binding protein Chain: D: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of borrelia burgdorferi pur-alpha
79	c3n8bA	Alignment	not modelled	6.7	14	PDB header: nucleic acid binding protein Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of borrelia burgdorferi pur-alpha

80	dlehsa_	Alignment	not modelled	6.6	19	Fold: Toxic hairpin Superfamily: Heat-stable enterotoxin B Family: Heat-stable enterotoxin B
81	c3ik2A_	Alignment	not modelled	6.5	6	PDB header: hydrolase Chain: A: PDB Molecule: endoglucanase a; PDBTitle: crystal structure of a glycoside hydrolase family 44 endoglucanase2 produced by clostridium acetobutylium atcc 824
82	c3aagA_	Alignment	not modelled	6.3	44	PDB header: transferase Chain: A: PDB Molecule: general glycosylation pathway protein; PDBTitle: crystal structure of c. jejuni pglb c-terminal domain
83	c1tvcA_	Alignment	not modelled	6.3	21	PDB header: oxidoreductase Chain: A: PDB Molecule: methane monooxygenase component c; PDBTitle: fad and nadh binding domain of methane monooxygenase2 reductase from methylococcus capsulatus (bath)
84	c2j10B_	Alignment	not modelled	6.2	58	PDB header: transcription Chain: B: PDB Molecule: cellular tumor antigen p53; PDBTitle: p53 tetramerization domain mutant t329f q331k
85	c2ahnA_	Alignment	not modelled	6.2	38	PDB header: allergen Chain: A: PDB Molecule: thaumatin-like protein; PDBTitle: high resolution structure of a cherry allergen pru av 2
86	d1qt1a_	Alignment	not modelled	6.2	19	Fold: TIM beta/alpha-barrel Superfamily: Xylose isomerase-like Family: Xylose isomerase
87	c2j10D_	Alignment	not modelled	6.1	58	PDB header: transcription Chain: D: PDB Molecule: cellular tumor antigen p53; PDBTitle: p53 tetramerization domain mutant t329f q331k
88	c2j10A_	Alignment	not modelled	6.1	58	PDB header: transcription Chain: A: PDB Molecule: cellular tumor antigen p53; PDBTitle: p53 tetramerization domain mutant t329f q331k
89	c3a11D_	Alignment	not modelled	6.1	20	PDB header: isomerase Chain: D: PDB Molecule: translation initiation factor eif-2b, delta PDBTitle: crystal structure of ribose-1,5-bisphosphate isomerase from2 thermococcus kodakaraensis kod1
90	c3ic8D_	Alignment	not modelled	6.0	19	PDB header: structural genomics, unknown function Chain: D: PDB Molecule: uncharacterized gst-like proteinprotein; PDBTitle: the crystal structure of a gst-like protein from pseudomonas syringae2 to 2.4a
91	d1rqwa_	Alignment	not modelled	5.9	38	Fold: Osmotin, thaumatin-like protein Superfamily: Osmotin, thaumatin-like protein Family: Osmotin, thaumatin-like protein
92	c2k5dA_	Alignment	not modelled	5.8	23	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein sag0934; PDBTitle: solution nmr structure of sag0934 from streptococcus2 agalactiae. northeast structural genomics target sar32[1-3 108].
93	d2aama1	Alignment	not modelled	5.8	12	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: TM1410-like
94	c2aamA_	Alignment	not modelled	5.8	12	PDB header: hydrolase Chain: A: PDB Molecule: hypothetical protein tm1410; PDBTitle: crystal structure of a putative glycosidase (tm1410) from thermotoga2 maritima at 2.20 a resolution
95	d1ry7a_	Alignment	not modelled	5.8	16	Fold: beta-Trefoil Superfamily: Cytokine Family: Fibroblast growth factors (FGF)
96	d1qqha_	Alignment	not modelled	5.8	8	Fold: E2 regulatory, transactivation domain Superfamily: E2 regulatory, transactivation domain Family: E2 regulatory, transactivation domain
97	c3mt1B_	Alignment	not modelled	5.7	15	PDB header: lyase Chain: B: PDB Molecule: putative carboxynorspermidine decarboxylase protein; PDBTitle: crystal structure of putative carboxynorspermidine decarboxylase2 protein from sinorhizobium meliloti
98	c1s1iS_	Alignment	not modelled	5.6	29	PDB header: ribosome Chain: S: PDB Molecule: 60s ribosomal protein l24-a; PDBTitle: structure of the ribosomal 80s-eef2-sordarin complex from2 yeast obtained by docking atomic models for rna and protein3 components into a 11.7 a cryo-em map. in this file, 1s1i,4 contains 60s subunit. the 40s ribosomal subunit is in file5 1s1h.
99	d1t3la1	Alignment	not modelled	5.6	24	Fold: SH3-like barrel Superfamily: SH3-domain Family: SH3-domain