
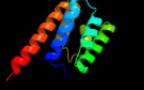



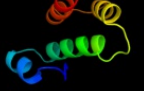


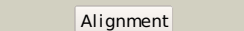



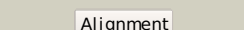


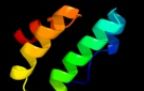
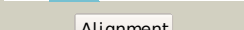







#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3c1qA_	 Alignment		99.9	26	PDB header: transport protein Chain: A: PDB Molecule: general secretion pathway protein f; PDBTitle: the three-dimensional structure of the cytoplasmic domains of epsf2 from the type 2 secretion system of vibrio cholerae
2	c2whnA_	 Alignment		99.8	31	PDB header: protein transport Chain: A: PDB Molecule: pilus assembly protein pilc; PDBTitle: n-terminal domain from the pilc type iv pilus biogenesis2 protein
3	c3i3aC_	 Alignment		54.4	13	PDB header: transferase Chain: C: PDB Molecule: acyl-[acyl-carrier-protein]-udp-n- PDBTitle: structural basis for the sugar nucleotide and acyl chain2 selectivity of leptospira interrogans lpxa
4	c2bbjB_	 Alignment		48.5	18	PDB header: metal transport/membrane protein Chain: B: PDB Molecule: divalent cation transport-related protein; PDBTitle: crystal structure of the cora mg2+ transporter
5	d3cuma1	 Alignment		47.6	13	Fold: 6-phosphogluconate dehydrogenase C-terminal domain-like Superfamily: 6-phosphogluconate dehydrogenase C-terminal domain-like Family: Hydroxyisobutyrate and 6-phosphogluconate dehydrogenase domain
6	c3c8mA_	 Alignment		45.1	14	PDB header: oxidoreductase Chain: A: PDB Molecule: homoserine dehydrogenase; PDBTitle: crystal structure of homoserine dehydrogenase from thermoplasma2 volcanium
7	c2ejwB_	 Alignment		41.4	20	PDB header: oxidoreductase Chain: B: PDB Molecule: homoserine dehydrogenase; PDBTitle: homoserine dehydrogenase from thermus thermophilus hb8
8	d2jf2a1	 Alignment		35.6	16	Fold: Single-stranded left-handed beta-helix Superfamily: Trimeric LpxA-like enzymes Family: UDP N-acetylglucosamine acyltransferase
9	c2d11A_	 Alignment		35.1	11	PDB header: protein binding Chain: A: PDB Molecule: metastasis suppressor protein 1; PDBTitle: structure of f-actin binding domain imd of mim (missing in metastasis)
10	d1y2oa1	 Alignment		31.7	7	Fold: BAR/IMD domain-like Superfamily: BAR/IMD domain-like Family: IMD domain
11	c3ok8A_	 Alignment		29.4	12	PDB header: protein binding Chain: A: PDB Molecule: brain-specific angiogenesis inhibitor 1-associated protein PDBTitle: i-bar of pinkbar

12	c2c5qE_	Alignment		28.0	22	PDB header: structural genomics,unknown function Chain: E: PDB Molecule: rraa-like protein yer010c; PDBTitle: crystal structure of yeast yer010cp
13	d2ezla_	Alignment		23.5	16	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: Recombinase DNA-binding domain
14	c3iugA_	Alignment		19.0	17	PDB header: splicing Chain: A: PDB Molecule: rho/cdc42/rac gtpase-activating protein rics; PDBTitle: crystal structure of the rhogap domain of rics
15	c3ipdB_	Alignment		18.0	12	PDB header: exocytosis Chain: B: PDB Molecule: syntaxin-1a; PDBTitle: helical extension of the neuronal snare complex into the2 membrane, spacegroup i 21 21 21
16	d1j2za_	Alignment		17.7	11	Fold: Single-stranded left-handed beta-helix Superfamily: Trimeric LpxA-like enzymes Family: UDP N-acetylglucosamine acyltransferase
17	c3r0sA_	Alignment		17.6	18	PDB header: transferase Chain: A: PDB Molecule: acyl-[acyl-carrier-protein]--udp-n-acetylglucosamine o- PDBTitle: udp-n-acetylglucosamine acyltransferase from campylobacter jejuni
18	c2jmlA_	Alignment		15.9	19	PDB header: transcription Chain: A: PDB Molecule: dna binding domain/transcriptional regulator; PDBTitle: solution structure of the n-terminal domain of cara repressor
19	c3ingA_	Alignment		15.3	12	PDB header: oxidoreductase Chain: A: PDB Molecule: homoserine dehydrogenase; PDBTitle: crystal structure of homoserine dehydrogenase (np_394635.1) from2 thermoplasma acidophilum at 1.95 a resolution
20	c3r1fO_	Alignment		13.5	20	PDB header: transcription Chain: O: PDB Molecule: esx-1 secretion-associated regulator espr; PDBTitle: crystal structure of a key regulator of virulence in mycobacterium2 tuberculosis
21	c3k4iC_	Alignment	not modelled	13.1	10	PDB header: structural genomics, unknown function Chain: C: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of uncharacterized protein pspto_3204 from2 pseudomonas syringae pv. tomato str. dc3000
22	c2pmzN_	Alignment	not modelled	13.1	10	PDB header: translation, transferase Chain: N: PDB Molecule: dna-directed rna polymerase subunit n; PDBTitle: archaeal rna polymerase from sulfolobus solfataricus
23	c3byiA_	Alignment	not modelled	12.7	13	PDB header: signaling protein Chain: A: PDB Molecule: rho gtpase activating protein 15; PDBTitle: crystal structure of human rho gtpase activating protein 15 (arhgap15)
24	c3do5A_	Alignment	not modelled	12.3	5	PDB header: oxidoreductase Chain: A: PDB Molecule: homoserine dehydrogenase; PDBTitle: crystal structure of putative homoserine dehydrogenase (np_069768.1)2 from archaeoglobus fulgidus at 2.20 a resolution
25	c3kuqA_	Alignment	not modelled	12.2	11	PDB header: hydrolase activator Chain: A: PDB Molecule: rho gtpase-activating protein 7; PDBTitle: crystal structure of the dlc1 rhogap domain
26	c3neuA_	Alignment	not modelled	11.2	13	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: lin1836 protein; PDBTitle: the crystal structure of a functionally-unknown protein lin1836 from2 listeria innocua clip11262
27	d1xa6a1	Alignment	not modelled	10.6	11	Fold: GTPase activation domain, GAP Superfamily: GTPase activation domain, GAP Family: BCR-homology GTPase activation domain (BH-domain)
28	c3gndC_	Alignment	not modelled	10.1	9	PDB header: lyase Chain: C: PDB Molecule: aldolase lsrf; PDBTitle: crystal structure of e. coli lsrf in complex with ribulose-5-phosphate
						Fold: Ribosomal protein L22

29	d1i4ja_	Alignment	not modelled	9.0	15	Superfamily: Ribosomal protein L22 Family: Ribosomal protein L22
30	d1e8ob_	Alignment	not modelled	8.4	14	Fold: Signal recognition particle alu RNA binding heterodimer, SRP9/14 Superfamily: Signal recognition particle alu RNA binding heterodimer, SRP9/14 Family: Signal recognition particle alu RNA binding heterodimer, SRP9/14
31	d1jnsa_	Alignment	not modelled	7.7	19	Fold: FKBP-like Superfamily: FKBP-like Family: FKBP immunophilin/proline isomerase
32	c1xa6A_	Alignment	not modelled	7.7	11	PDB header: signaling protein Chain: A: PDB Molecule: beta2-chimaerin; PDBTitle: crystal structure of the human beta2-chimaerin
33	d1wn0a1	Alignment	not modelled	7.3	19	Fold: Four-helical up-and-down bundle Superfamily: Histidine-containing phosphotransfer domain, HPT domain Family: Phosphorelay protein-like
34	c3kc2A_	Alignment	not modelled	7.2	19	PDB header: hydrolase Chain: A: PDB Molecule: uncharacterized protein ykr070w; PDBTitle: crystal structure of mitochondrial had-like phosphatase from <i>Saccharomyces cerevisiae</i>
35	d2gyqa1	Alignment	not modelled	7.1	18	Fold: Ferritin-like Superfamily: Ferritin-like Family: YciF-like
36	c1zk6A_	Alignment	not modelled	7.1	15	PDB header: isomerase Chain: A: PDB Molecule: foldase protein prsa; PDBTitle: nmr solution structure of b. subtilis prsa ppiase
37	d1vq3a_	Alignment	not modelled	7.0	13	Fold: PurS-like Superfamily: PurS-like Family: PurS subunit of FGAM synthetase
38	c2zhha_	Alignment	not modelled	6.9	15	PDB header: transcription Chain: A: PDB Molecule: redox-sensitive transcriptional activator soxr; PDBTitle: crystal structure of soxr
39	c3gpkA_	Alignment	not modelled	6.5	28	PDB header: isomerase Chain: A: PDB Molecule: ppic-type peptidyl-prolyl cis-trans isomerase; PDBTitle: crystal structure of ppic-type peptidyl-prolyl cis-trans isomerase2 domain at 1.55a resolution.
40	d2gs4a1	Alignment	not modelled	6.5	20	Fold: Ferritin-like Superfamily: Ferritin-like Family: YciF-like
41	c2ftcM_	Alignment	not modelled	6.5	19	PDB header: ribosome Chain: M: PDB Molecule: mitochondrial ribosomal protein l22 isoform a; PDBTitle: structural model for the large subunit of the mammalian mitochondrial2 ribosome
42	c3ibqA_	Alignment	not modelled	6.5	11	PDB header: transferase Chain: A: PDB Molecule: pyridoxal kinase; PDBTitle: crystal structure of pyridoxal kinase from <i>Lactobacillus plantarum</i> in complex with atp
43	c1sneB_	Alignment	not modelled	6.5	46	PDB header: de novo protein Chain: B: PDB Molecule: tetrameric beta-beta-alpha mini-protein; PDBTitle: an oligomeric domain-swapped beta-beta-alpha mini-protein
44	c1sneA_	Alignment	not modelled	6.5	46	PDB header: de novo protein Chain: A: PDB Molecule: tetrameric beta-beta-alpha mini-protein; PDBTitle: an oligomeric domain-swapped beta-beta-alpha mini-protein
45	c2hx1D_	Alignment	not modelled	6.5	8	PDB header: hydrolase Chain: D: PDB Molecule: predicted sugar phosphatases of the had PDBTitle: crystal structure of possible sugar phosphatase, had2 superfamily (zp_00311070.1) from <i>Cytophaga hutchinsonii</i> 3 atcc 33406 at 2.10 a resolution
46	d1914a2	Alignment	not modelled	6.4	14	Fold: Signal recognition particle alu RNA binding heterodimer, SRP9/14 Superfamily: Signal recognition particle alu RNA binding heterodimer, SRP9/14 Family: Signal recognition particle alu RNA binding heterodimer, SRP9/14
47	c1ebuA_	Alignment	not modelled	6.3	16	PDB header: oxidoreductase Chain: A: PDB Molecule: homoserine dehydrogenase; PDBTitle: homoserine dehydrogenase complex with nad analogue and l-2 homoserine
48	d1gtda_	Alignment	not modelled	6.0	4	Fold: PurS-like Superfamily: PurS-like Family: PurS subunit of FGAM synthetase
49	c2eelA_	Alignment	not modelled	5.9	17	PDB header: apoptosis Chain: A: PDB Molecule: cell death activator cide-a; PDBTitle: solution structure of the cide-n domain of human cell death2 activator cide-a
50	c2i7aA_	Alignment	not modelled	5.9	12	PDB header: hydrolase Chain: A: PDB Molecule: calpain 13; PDBTitle: domain iv of human calpain 13
51	c2qjhH_	Alignment	not modelled	5.9	10	PDB header: lyase Chain: H: PDB Molecule: putative aldolase mj0400; PDBTitle: m. jannaschii adh synthase covalently bound to2 dihydroxyacetone phosphate
52	c2zw2B_	Alignment	not modelled	5.9	8	PDB header: ligase Chain: B: PDB Molecule: putative uncharacterized protein sts178; PDBTitle: crystal structure of formylglycinamide ribonucleotide amidotransferase2 iii from <i>Sulfolobus tokodaii</i> (stpsrs)
53	c2rqsa_	Alignment	not modelled	5.8	20	PDB header: isomerase Chain: A: PDB Molecule: parvulin-like peptidyl-prolyl isomerase; PDBTitle: 3d structure of pin from the psychrophilic archeon <i>Cenarchaeum2 symbiosum</i> (cspin)

54	dlhara_	Alignment	not modelled	5.7	13	Fold: DNA/RNA polymerases Superfamily: DNA/RNA polymerases Family: Reverse transcriptase
55	dloqwa_	Alignment	not modelled	5.5	11	Fold: Pili subunits Superfamily: Pili subunits Family: Pilin
56	dld4ba_	Alignment	not modelled	5.5	21	Fold: beta-Grasp (ubiquitin-like) Superfamily: CAD & PB1 domains Family: CAD domain
57	dleqfa1	Alignment	not modelled	5.5	6	Fold: Bromodomain-like Superfamily: Bromodomain Family: Bromodomain
58	c2kncA_	Alignment	not modelled	5.5	17	PDB header: cell adhesion Chain: A: PDB Molecule: integrin alpha-iiB; PDBTitle: platelet integrin alphaIIb-beta3 transmembrane-cytoplasmic2 heterocomplex
59	d1c9fa_	Alignment	not modelled	5.4	17	Fold: beta-Grasp (ubiquitin-like) Superfamily: CAD & PB1 domains Family: CAD domain
60	c1zzwA_	Alignment	not modelled	5.4	15	PDB header: hydrolase Chain: A: PDB Molecule: dual specificity protein phosphatase 10; PDBTitle: crystal structure of catalytic domain of human map kinase2 phosphatase 5
61	d2pila_	Alignment	not modelled	5.4	21	Fold: Pili subunits Superfamily: Pili subunits Family: Pilin
62	c3q6aH_	Alignment	not modelled	5.4	19	PDB header: structure genomics, unknown function Chain: H: PDB Molecule: uncharacterized protein; PDBTitle: x-ray crystal structure of the protein ssp2350 from staphylococcus2 saprophyticus, northeast structural genomics consortium target syr116
63	dlibxa_	Alignment	not modelled	5.3	10	Fold: beta-Grasp (ubiquitin-like) Superfamily: CAD & PB1 domains Family: CAD domain
64	d2pv2a1	Alignment	not modelled	5.3	10	Fold: FKBP-like Superfamily: FKBP-like Family: FKBP immunophilin/proline isomerase
65	c2kgjA_	Alignment	not modelled	5.2	16	PDB header: isomerase Chain: A: PDB Molecule: peptidyl-prolyl cis-trans isomerase d; PDBTitle: solution structure of parvulin domain of ppid from e.coli
66	d2cbia1	Alignment	not modelled	5.1	16	Fold: Hyaluronidase domain-like Superfamily: Hyaluronidase post-catalytic domain-like Family: Hyaluronidase post-catalytic domain-like
67	c1zrtD_	Alignment	not modelled	5.1	4	PDB header: oxidoreductase/metal transport Chain: D: PDB Molecule: cytochrome c1; PDBTitle: rhodobacter capsulatus cytochrome bc1 complex with2 stigmatellin bound
68	c3hefB_	Alignment	not modelled	5.1	12	PDB header: viral protein Chain: B: PDB Molecule: gene 1 protein; PDBTitle: crystal structure of the bacteriophage sf6 terminase small2 subunit
69	c3nmeA_	Alignment	not modelled	5.0	17	PDB header: hydrolase Chain: A: PDB Molecule: sex4 glucan phosphatase; PDBTitle: structure of a plant phosphatase