

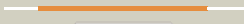















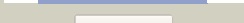

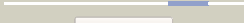



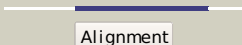



#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">dls4ca1</a>	 Alignment		100.0	30	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> Clavamate synthase-like <b>Family:</b> YhcH-like
2	<a href="#">dlyfua1</a>	 Alignment		82.5	12	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> 3-hydroxyanthranilic acid dioxygenase-like
3	<a href="#">dlv70a_</a>	 Alignment		70.9	20	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> TM1287-like
4	<a href="#">c3cewA_</a>	 Alignment		56.5	20	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized cupin protein; <b>PDBTitle:</b> crystal structure of a cupin protein (bf4112) from bacteroides2 fragilis. northeast structural genomics consortium target bfr205
5	<a href="#">c2i45C_</a>	 Alignment		47.5	19	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> C: <b>PDB Molecule:</b> hypothetical protein; <b>PDBTitle:</b> crystal structure of protein nmb1881 from neisseria meningitidis
6	<a href="#">d1o4ta_</a>	 Alignment		42.0	12	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> TM1287-like
7	<a href="#">c2xueB_</a>	 Alignment		30.6	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> lysine-specific demethylase 6b; <b>PDBTitle:</b> crystal structure of jmj d3
8	<a href="#">c2xxzA_</a>	 Alignment		29.2	20	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> lysine-specific demethylase 6b; <b>PDBTitle:</b> crystal structure of the human jmj d3 jumonji domain
9	<a href="#">c2oa2A_</a>	 Alignment		27.4	9	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> bh2720 protein; <b>PDBTitle:</b> crystal structure of bh2720 (10175341) from bacillus halodurans at2 1.41 a resolution
10	<a href="#">dlzvfa1</a>	 Alignment		25.3	9	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> 3-hydroxyanthranilic acid dioxygenase-like
11	<a href="#">d2arca_</a>	 Alignment		23.8	21	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> Regulatory protein AraC <b>Family:</b> Regulatory protein AraC

12	<a href="#">dlvj2a_</a>	Alignment		23.5	15	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> TM1459-like
13	<a href="#">c3d82A_</a>	Alignment		20.7	16	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> cupin 2, conserved barrel domain protein; <b>PDBTitle:</b> crystal structure of a cupin-2 domain containing protein (sfri_3543)2 from shewanella frigidimarina ncimb 400 at 2.05 a resolution
14	<a href="#">c2fqpD_</a>	Alignment		19.1	10	<b>PDB header:</b> metal binding protein <b>Chain:</b> D: <b>PDB Molecule:</b> hypothetical protein bp2299; <b>PDBTitle:</b> crystal structure of a cupin domain (bp2299) from bordetella pertussis2 tohama i at 1.80 a resolution
15	<a href="#">d1a6qa1</a>	Alignment		17.5	21	<b>Fold:</b> Another 3-helical bundle <b>Superfamily:</b> Protein serine/threonine phosphatase 2C, C-terminal domain <b>Family:</b> Protein serine/threonine phosphatase 2C, C-terminal domain
16	<a href="#">c3ebrA_</a>	Alignment		15.9	16	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized rmlc-like cupin; <b>PDBTitle:</b> crystal structure of an rmlc-like cupin protein (reut_a0381) from2 ralstonia eutropha jmp134 at 2.60 a resolution
17	<a href="#">c2hdlA_</a>	Alignment		15.7	12	<b>PDB header:</b> cytokine <b>Chain:</b> A: <b>PDB Molecule:</b> small inducible cytokine b14; <b>PDBTitle:</b> solution structure of brak/cxcl14
18	<a href="#">c2pyhB_</a>	Alignment		15.4	30	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> poly(beta-d-mannuronate) c5 epimerase 4; <b>PDBTitle:</b> azotobacter vinelandii mannuronan c-5 epimerase alge4 a-module2 complexed with mannuronan trisaccharide
19	<a href="#">c2kkuA_</a>	Alignment		15.0	11	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> solution structure of protein af2351 from archaeoglobus2 fulgidus. northeast structural genomics consortium target3 att9/ontario center for structural proteomics target af2351
20	<a href="#">d2pa7a1</a>	Alignment		14.8	12	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> dTDP-sugar isomerase
21	<a href="#">c3kgzA_</a>	Alignment	not modelled	14.3	16	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> cupin 2 conserved barrel domain protein; <b>PDBTitle:</b> crystal structure of a cupin 2 conserved barrel domain protein from2 rhodopseudomonas palustris
22	<a href="#">c2oziA_</a>	Alignment	not modelled	14.2	14	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein rpa4178; <b>PDBTitle:</b> structural genomics, the crystal structure of a putative2 protein rpa4178 from rhodopseudomonas palustris cga009
23	<a href="#">c2w2iC_</a>	Alignment	not modelled	13.8	20	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> 2-oxoglutarate oxygenase; <b>PDBTitle:</b> crystal structure of the human 2-oxoglutarate oxygenase2 loc390245
24	<a href="#">d3dl3a1</a>	Alignment	not modelled	12.7	31	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> Clavamate synthase-like <b>Family:</b> TehB-like
25	<a href="#">c3bn8A_</a>	Alignment	not modelled	12.7	11	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> putative sterol carrier protein 2; <b>PDBTitle:</b> crystal structure of a putative sterol carrier protein type 2 (af1534)2 from archaeoglobus fulgidus dsm 4304 at 2.11 a resolution
26	<a href="#">c2q8eB_</a>	Alignment	not modelled	12.2	25	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> jmdc domain-containing histone demethylation <b>PDBTitle:</b> specificity and mechanism of jmd2a, a trimethyllysine-2 specific histone demethylase
27	<a href="#">c2os2A_</a>	Alignment	not modelled	12.1	25	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> jmdc domain-containing histone demethylation protein 3a; <b>PDBTitle:</b> crystal structure of jmd2a complexed with histone h3 peptide2 trimethylated at lys36
						<b>Fold:</b> Double-stranded beta-helix

28	<a href="#">d3bb6a1</a>	Alignment	not modelled	11.8	28	<b>Superfamily:</b> Clavaminic synthase-like <b>Family:</b> TehB-like
29	<a href="#">d1y9qa2</a>	Alignment	not modelled	11.5	21	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> Probable transcriptional regulator VC1968, C-terminal domain
30	<a href="#">d1j3pa</a>	Alignment	not modelled	11.3	20	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> Glucose-6-phosphate isomerase, GPI
31	<a href="#">d2es7a1</a>	Alignment	not modelled	11.3	29	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> HyaE-like
32	<a href="#">c2r32A</a>	Alignment	not modelled	10.7	15	<b>PDB header:</b> immune system <b>Chain:</b> A: <b>PDB Molecule:</b> gcn4-pii/tumor necrosis factor ligand <b>PDBTitle:</b> crystal structure of human gitrl variant
33	<a href="#">c2ozjB</a>	Alignment	not modelled	10.3	13	<b>PDB header:</b> unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> cupin 2, conserved barrel; <b>PDBTitle:</b> crystal structure of a cupin superfamily protein (dsy2733) from2 desulfotobacterium hafniense dcb-2 at 1.60 a resolution
34	<a href="#">c2bx6A</a>	Alignment	not modelled	10.2	12	<b>PDB header:</b> transduction protein <b>Chain:</b> A: <b>PDB Molecule:</b> xrp2 protein; <b>PDBTitle:</b> crystal structure of the human retinitis pigmentosa2 protein 2 (rp2)
35	<a href="#">c2yrvA</a>	Alignment	not modelled	9.7	27	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> at-rich interactive domain-containing protein 4a; <b>PDBTitle:</b> solution structure of the rbb1nt domain of human2 rb(retinoblastoma)-binding protein 1
36	<a href="#">c2kpsA</a>	Alignment	not modelled	9.0	18	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> solution structure of domain iv from the ybbr family protein of2 desulfotobacterium hafniense
37	<a href="#">c3opwA</a>	Alignment	not modelled	8.6	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> dna damage-responsive transcriptional repressor rph1; <b>PDBTitle:</b> crystal structure of the rph1 catalytic core
38	<a href="#">c2rq7A</a>	Alignment	not modelled	8.1	16	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> atp synthase epsilon chain; <b>PDBTitle:</b> solution structure of the epsilon subunit chimera combining2 the n-terminal beta-sandwich domain from t. elongatus bp-13 f1 and the c-terminal alpha-helical domain from spinach4 chloroplast f1
39	<a href="#">d1xsqa</a>	Alignment	not modelled	7.9	9	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> Ureidoglycolate hydrolase AIIA
40	<a href="#">c3fjsC</a>	Alignment	not modelled	7.9	9	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> C: <b>PDB Molecule:</b> uncharacterized protein with rmlc-like cupin fold; <b>PDBTitle:</b> crystal structure of a putative biosynthetic protein with rmlc-like2 cupin fold (reut_b4087) from ralstonia eutropha jmp134 at 1.90 a3 resolution
41	<a href="#">c2e5yA</a>	Alignment	not modelled	7.9	19	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> atp synthase epsilon chain; <b>PDBTitle:</b> epsilon subunit and atp complex of f1fo-atp synthase from2 the thermophilic bacillus ps3
42	<a href="#">d1tvfa1</a>	Alignment	not modelled	7.7	19	<b>Fold:</b> Penicillin-binding protein associated domain <b>Superfamily:</b> Penicillin-binding protein associated domain <b>Family:</b> Pencillin binding protein 4 (PbpD), C-terminal domain
43	<a href="#">c3h8uA</a>	Alignment	not modelled	7.6	18	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized conserved protein with double-stranded <b>PDBTitle:</b> crystal structure of uncharacterized conserved protein with double-2 stranded beta-helix domain (yp_001338853.1) from klebsiella3 pneumoniae subsp. pneumoniae mgh 78578 at 1.80 a resolution
44	<a href="#">c2zklA</a>	Alignment	not modelled	7.5	9	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> capsular polysaccharide synthesis enzyme cap5f; <b>PDBTitle:</b> crystal structure of capsular polysaccharide assembling protein capf2 from staphylococcus aureus
45	<a href="#">c3ibmB</a>	Alignment	not modelled	7.2	9	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> cupin 2, conserved barrel domain protein; <b>PDBTitle:</b> crystal structure of cupin 2 domain-containing protein hha1_0468 from2 halorhodospira halophila
46	<a href="#">c2nnzA</a>	Alignment	not modelled	7.2	17	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein; <b>PDBTitle:</b> solution structure of the hypothetical protein af2241 from2 archaeoglobus fulgidus
47	<a href="#">c3jurA</a>	Alignment	not modelled	7.1	15	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> exo-poly-alpha-d-galacturonosidase; <b>PDBTitle:</b> the crystal structure of a hyperthermoactive exopolygalacturonase from2 thermotoga maritima
48	<a href="#">d1zx8a1</a>	Alignment	not modelled	7.0	15	<b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> TM1367-like
49	<a href="#">d1lg4a</a>	Alignment	not modelled	6.8	30	<b>Fold:</b> Prion-like <b>Superfamily:</b> Prion-like <b>Family:</b> Prion-like
50	<a href="#">c2qe7H</a>	Alignment	not modelled	6.4	10	<b>PDB header:</b> hydrolase <b>Chain:</b> H: <b>PDB Molecule:</b> atp synthase subunit epsilon; <b>PDBTitle:</b> crystal structure of the f1-atpase from the thermoalkaliphilic2 bacterium bacillus sp. ta2.a1
51	<a href="#">c1fs0E</a>	Alignment	not modelled	6.4	16	<b>PDB header:</b> hydrolase <b>Chain:</b> E: <b>PDB Molecule:</b> atp synthase epsilon subunit; <b>PDBTitle:</b> complex of gamma/epsilon atp synthase from e.coli

52	<a href="#">d1aqt2</a>	 Alignment	not modelled	6.2	15	<b>Fold:</b> Epsilon subunit of F1F0-ATP synthase N-terminal domain <b>Superfamily:</b> Epsilon subunit of F1F0-ATP synthase N-terminal domain <b>Family:</b> Epsilon subunit of F1F0-ATP synthase N-terminal domain
53	<a href="#">c2ca9B</a>	 Alignment	not modelled	6.1	10	<b>PDB header:</b> transcriptional regulation <b>Chain:</b> B: <b>PDB Molecule:</b> putative nickel-responsive regulator; <b>PDBTitle:</b> apo-nikr from helicobacter pylori in closed trans-2 conformation
54	<a href="#">c2pfwB</a>	 Alignment	not modelled	6.1	15	<b>PDB header:</b> unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> cupin 2, conserved barrel domain protein; <b>PDBTitle:</b> crystal structure of a rmlc-like cupin (sfri_3105) from shewanella2 frigidimarina ncimb 400 at 1.90 a resolution
55	<a href="#">c3tekA</a>	 Alignment	not modelled	5.8	10	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> thermodbp-single stranded dna binding protein; <b>PDBTitle:</b> thermodbp: a non-canonical single-stranded dna binding protein with a2 novel structure and mechanism