



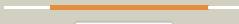


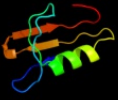







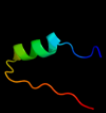







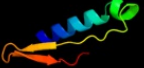

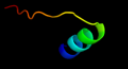

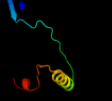





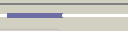



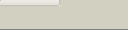
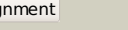
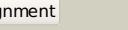
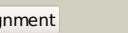


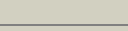
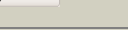
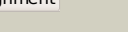
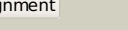
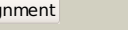
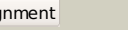
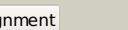
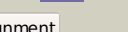









#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2hh8a1	 Alignment		100.0	46	Fold: YdfO-like Superfamily: YdfO-like Family: YdfO-like
2	d3elga1	 Alignment		89.3	8	Fold: BLIP-like Superfamily: BT0923-like Family: BT0923-like
3	d3duea1	 Alignment		82.4	7	Fold: BLIP-like Superfamily: BT0923-like Family: BT0923-like
4	c3ot2B_	 Alignment		24.4	9	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of a putative nuclease belonging to duf8202 (ava_3926) from anabaena variabilis atcc 29413 at 1.96 a resolution
5	c3ot2A_	 Alignment		24.4	9	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of a putative nuclease belonging to duf8202 (ava_3926) from anabaena variabilis atcc 29413 at 1.96 a resolution
6	c2k7bA_	 Alignment		24.2	11	PDB header: metal binding protein Chain: A: PDB Molecule: calcium-binding protein 1; PDBTitle: nmr structure of mg2+-bound cabp1 n-domain
7	c1irjG_	 Alignment		23.7	19	PDB header: metal binding protein Chain: G: PDB Molecule: migration inhibitory factor-related protein 14; PDBTitle: crystal structure of the mrp14 complexed with chaps
8	c3l23A_	 Alignment		22.9	11	PDB header: isomerase Chain: A: PDB Molecule: sugar phosphate isomerase/epimerase; PDBTitle: crystal structure of sugar phosphate isomerase/epimerase2 (yp_001303399.1) from parabacteroides distasonis atcc 8503 at 1.70 a3 resolution
9	c2ph7B_	 Alignment		22.1	25	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: uncharacterized protein af_2093; PDBTitle: crystal structure of af2093 from archaeoglobus fulgidus
10	d1avsa_	 Alignment		21.7	13	Fold: EF Hand-like Superfamily: EF-hand Family: Calmodulin-like
11	c1m7lA_	 Alignment		21.2	37	PDB header: sugar binding protein Chain: A: PDB Molecule: pulmonary surfactant-associated protein d; PDBTitle: solution structure of the coiled-coil trimerization domain2 from lung surfactant protein d

12	d1m39a_	Alignment		20.0	18	Fold: EF Hand-like Superfamily: EF-hand Family: Calmodulin-like
13	c2w3nA_	Alignment		18.4	15	PDB header: lyase Chain: A: PDB Molecule: carbonic anhydrase 2; PDBTitle: structure and inhibition of the co2-sensing carbonic2 anhydrase can2 from the pathogenic fungus cryptococcus3 neoformans
14	c1f8aB_	Alignment		18.2	11	PDB header: isomerase Chain: B: PDB Molecule: peptidyl-prolyl cis-trans isomerase nima- PDBTitle: structural basis for the phosphoserine-proline recognition2 by group iv ww domains
15	c3obeB_	Alignment		18.1	11	PDB header: isomerase Chain: B: PDB Molecule: sugar phosphate isomerase/epimerase; PDBTitle: crystal structure of a sugar phosphate isomerase/epimerase (bdi_3400)2 from parabacteroides distasonis atcc 8503 at 1.70 a resolution
16	d1wxaa1	Alignment		16.5	18	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ras-binding domain, RBD
17	d2gaxa1	Alignment		16.2	8	Fold: Peptidyl-tRNA hydrolase II Superfamily: Peptidyl-tRNA hydrolase II Family: Peptidyl-tRNA hydrolase II
18	c2rqsa_	Alignment		16.1	17	PDB header: isomerase Chain: A: PDB Molecule: parvulin-like peptidyl-prolyl isomerase; PDBTitle: 3d structure of pin from the psychrophilic archeon cenarcheaum2 symbiosum (cspin)
19	d1xk4a1	Alignment		16.0	13	Fold: EF Hand-like Superfamily: EF-hand Family: S100 proteins
20	d1ekja_	Alignment		15.9	7	Fold: Resolvase-like Superfamily: beta-carbonic anhydrase, cab Family: beta-carbonic anhydrase, cab
21	c2qlxA_	Alignment	not modelled	15.7	13	PDB header: isomerase Chain: A: PDB Molecule: l-rhamnose mutarotase; PDBTitle: crystal structure of rhamnose mutarotase rhau of rhizobium2 leguminosarum in complex with l-rhamnose
22	c2qlwA_	Alignment	not modelled	15.7	13	PDB header: isomerase Chain: A: PDB Molecule: rhau; PDBTitle: crystal structure of rhamnose mutarotase rhau of rhizobium2 leguminosarum
23	c2hklB_	Alignment	not modelled	15.3	15	PDB header: transferase Chain: B: PDB Molecule: l,d-transpeptidase; PDBTitle: crystal structure of enterococcus faecium l,d-2 transpeptidase c442s mutant
24	d1dj0a_	Alignment	not modelled	14.3	12	Fold: Pseudouridine synthase Superfamily: Pseudouridine synthase Family: Pseudouridine synthase I TruA
25	d3buxb3	Alignment	not modelled	14.2	39	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
26	c3ec8A_	Alignment	not modelled	13.9	9	PDB header: cell adhesion Chain: A: PDB Molecule: putative uncharacterized protein flj10324; PDBTitle: the crystal structure of the ra domain of flj10324 (radiI)
27	d1i6pa_	Alignment	not modelled	13.8	20	Fold: Resolvase-like Superfamily: beta-carbonic anhydrase, cab Family: beta-carbonic anhydrase, cab
28	c2b1uA_	Alignment	not modelled	13.8	13	PDB header: metal binding protein Chain: A: PDB Molecule: calmodulin-like protein 5; PDBTitle: solution structure of calmodulin-like skin protein c2 terminal domain
						Fold: Ferredoxin-like

29	d1x8da1	 Alignment	not modelled	13.7	21	Superfamily: Dimeric alpha+beta barrel Family: YiiL-like
30	d1j55a	 Alignment	not modelled	12.8	15	Fold: EF Hand-like Superfamily: EF-hand Family: S100 proteins
31	d4icba	 Alignment	not modelled	12.7	12	Fold: EF Hand-like Superfamily: EF-hand Family: Calbindin D9K
32	d1k8ua	 Alignment	not modelled	12.7	23	Fold: EF Hand-like Superfamily: EF-hand Family: S100 proteins
33	c2z4hB	 Alignment	not modelled	12.3	8	PDB header: signaling protein activator Chain: B: PDB Molecule: copper homeostasis protein cutf; PDBTitle: crystal structure of the cpx pathway activator nlpe from2 escherichia coli
34	c1vs3B	 Alignment	not modelled	12.2	12	PDB header: isomerase Chain: B: PDB Molecule: trna pseudouridine synthase a; PDBTitle: crystal structure of the trna pseudouridine synthase trua from thermus2 thermophilus hb8
35	c2k2aA	 Alignment	not modelled	12.1	25	PDB header: contractile protein Chain: A: PDB Molecule: troponin c; PDBTitle: solution structure of the apo c terminal domain of lethocerus troponin2 c isoform f1
36	d1urra	 Alignment	not modelled	12.1	7	Fold: Ferredoxin-like Superfamily: Acylphosphatase/BLUF domain-like Family: Acylphosphatase-like
37	d1f53a	 Alignment	not modelled	11.6	20	Fold: gamma-Crystallin-like Superfamily: gamma-Crystallin-like Family: Killer toxin-like protein SKLP
38	c2kaxA	 Alignment	not modelled	11.5	13	PDB header: metal binding protein Chain: A: PDB Molecule: protein s100-a5; PDBTitle: solution structure and dynamics of s100a5 in the apo and2 ca2+ -bound states
39	c2ggmA	 Alignment	not modelled	11.1	11	PDB header: cell cycle Chain: A: PDB Molecule: centrin-2; PDBTitle: human centrin 2 xeroderma pigmentosum group c protein2 complex
40	c3p6lA	 Alignment	not modelled	10.9	9	PDB header: isomerase Chain: A: PDB Molecule: sugar phosphate isomerase/epimerase; PDBTitle: crystal structure of a sugar phosphate isomerase/epimerase (bdi_1903)2 from parabacteroides distasonis atcc 8503 at 1.85 a resolution
41	d1pvaa	 Alignment	not modelled	10.8	22	Fold: EF Hand-like Superfamily: EF-hand Family: Parvalbumin
42	d2p5zx2	 Alignment	not modelled	10.7	12	Fold: Phage tail proteins Superfamily: Phage tail proteins Family: Baseplate protein-like
43	c2i18A	 Alignment	not modelled	10.7	18	PDB header: metal binding protein Chain: A: PDB Molecule: calcium-binding protein; PDBTitle: the refined structure of c-terminal domain of an ef-hand2 calcium binding protein from entamoeba histolytica
44	d1g33a	 Alignment	not modelled	10.6	19	Fold: EF Hand-like Superfamily: EF-hand Family: Parvalbumin
45	d1e8aa	 Alignment	not modelled	10.5	19	Fold: EF Hand-like Superfamily: EF-hand Family: S100 proteins
46	c2pmyB	 Alignment	not modelled	10.5	16	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: ras and ef-hand domain-containing protein; PDBTitle: ef-hand domain of human rasef
47	d2g0wa1	 Alignment	not modelled	10.4	23	Fold: TIM beta/alpha-barrel Superfamily: Xylose isomerase-like Family: lolI-like
48	d1apsa	 Alignment	not modelled	10.3	3	Fold: Ferredoxin-like Superfamily: Acylphosphatase/BLUF domain-like Family: Acylphosphatase-like
49	c2rgiA	 Alignment	not modelled	10.3	23	PDB header: metal binding protein Chain: A: PDB Molecule: protein s100-a2; PDBTitle: crystal structure of ca2+-free s100a2 at 1.6 a resolution
50	d1c7va	 Alignment	not modelled	10.1	11	Fold: EF Hand-like Superfamily: EF-hand Family: Calmodulin-like
51	d1xk4c1	 Alignment	not modelled	9.9	19	Fold: EF Hand-like Superfamily: EF-hand Family: S100 proteins
52	d1j6ya	 Alignment	not modelled	9.8	18	Fold: FKBP-like Superfamily: FKBP-like Family: FKBP immunophilin/proline isomerase
53	d1g5ca	 Alignment	not modelled	9.7	13	Fold: Resolvase-like Superfamily: beta-carbonic anhydrase, cab Family: beta-carbonic anhydrase, cab
54	d1eq3a	 Alignment	not modelled	9.7	10	Fold: FKBP-like Superfamily: FKBP-like Family: FKBP immunophilin/proline isomerase
55	d3d37a1	 Alignment	not modelled	9.6	13	Fold: Phage tail proteins Superfamily: Phage tail proteins Family: Baseplate protein-like
		 Alignment				Fold: EF Hand-like

56	d1fw4a_	Alignment	not modelled	9.5	12	Superfamily: EF-hand Family: Calmodulin-like
57	c2dk6A_	Alignment	not modelled	9.4	18	PDB header: signaling protein Chain: A: PDB Molecule: parp11 protein; PDBTitle: solution structure of wwe domain in poly (adp-ribose)2 polymerase family, member 11 (parp 11)
58	c2p5zX_	Alignment	not modelled	9.4	12	PDB header: structural genomics, unknown function Chain: X: PDB Molecule: type vi secretion system component; PDBTitle: the e. coli c3393 protein is a component of the type vi secretion2 system and exhibits structural similarity to t4 bacteriophage tail3 proteins gp27 and gp5
59	d1oqpa_	Alignment	not modelled	9.3	10	Fold: EF Hand-like Superfamily: EF-hand Family: Calmodulin-like
60	c3ucoB_	Alignment	not modelled	9.2	9	PDB header: lyase/lyase inhibitor Chain: B: PDB Molecule: carbonic anhydrase; PDBTitle: coccomyxa beta-carbonic anhydrase in complex with iodide
61	c2a8cE_	Alignment	not modelled	9.0	16	PDB header: lyase Chain: E: PDB Molecule: carbonic anhydrase 2; PDBTitle: haemophilus influenzae beta-carbonic anhydrase
62	c2a4jA_	Alignment	not modelled	9.0	14	PDB header: structural protein Chain: A: PDB Molecule: centrin 2; PDBTitle: solution structure of the c-terminal domain (t94-y172) of2 the human centrin 2 in complex with a 17 residues peptide3 (p1-xpc) from xeroderma pigmentosum group c protein
63	c2i0vB_	Alignment	not modelled	8.9	23	PDB header: metal binding protein Chain: B: PDB Molecule: protein s100-a16; PDBTitle: solution structure of calcium(ii) bound s100a16
64	c2kz2A_	Alignment	not modelled	8.7	13	PDB header: metal binding protein Chain: A: PDB Molecule: calmodulin; PDBTitle: calmodulin, c-terminal domain, f92e mutant
65	c3fdqB_	Alignment	not modelled	8.6	40	PDB header: dna binding protein/dna Chain: B: PDB Molecule: motility gene repressor mogr; PDBTitle: recognition of at-rich dna binding sites by the mogr2 repressor
66	d1zmba1	Alignment	not modelled	8.5	24	Fold: Flavodoxin-like Superfamily: SGNH hydrolase Family: Putative acetylxytan esterase-like
67	d1a4pa_	Alignment	not modelled	8.5	26	Fold: EF Hand-like Superfamily: EF-hand Family: S100 proteins
68	d3cdda2	Alignment	not modelled	8.5	13	Fold: Phage tail proteins Superfamily: Phage tail proteins Family: Baseplate protein-like
69	c1q88B_	Alignment	not modelled	8.5	17	PDB header: dna binding protein Chain: B: PDB Molecule: 39 kda initiator binding protein; PDBTitle: crystal structure of the c-domain of the t.vaginalis inr2 binding protein, ibp39 (monoclinic form)
70	d2acya_	Alignment	not modelled	8.4	7	Fold: Ferredoxin-like Superfamily: Acylphosphatase/BLUF domain-like Family: Acylphosphatase-like
71	d1cb1a_	Alignment	not modelled	8.4	9	Fold: EF Hand-like Superfamily: EF-hand Family: Calbindin D9K
72	c2ktgA_	Alignment	not modelled	8.4	11	PDB header: ca-binding protein Chain: A: PDB Molecule: calmodulin, putative; PDBTitle: calmodulin like protein from entamoeba histolytica: solution structure2 and calcium binding properties of a partially folded protein
73	c2k7wB_	Alignment	not modelled	8.4	29	PDB header: apoptosis Chain: B: PDB Molecule: bcl-2-like protein 11; PDBTitle: bax activation is initiated at a novel interaction site
74	c3ox6C_	Alignment	not modelled	8.4	19	PDB header: calcium binding protein Chain: C: PDB Molecule: calcium-binding protein 1; PDBTitle: crystal structure of the calcium sensor calcium-binding protein 12 (cabp1)
75	c3h4sE_	Alignment	not modelled	8.3	13	PDB header: motor protein/calcium binding protein Chain: E: PDB Molecule: kcbp interacting ca2+-binding protein; PDBTitle: structure of the complex of a mitotic kinesin with its2 calcium binding regulator
76	c3lmzA_	Alignment	not modelled	8.3	13	PDB header: isomerase Chain: A: PDB Molecule: putative sugar isomerase; PDBTitle: crystal structure of putative sugar isomerase. (yp_001305105.1) from2 parabacteroides distasonis atcc 8503 at 1.44 a resolution
77	c3cnyA_	Alignment	not modelled	8.2	17	PDB header: biosynthetic protein Chain: A: PDB Molecule: inositol catabolism protein iole; PDBTitle: crystal structure of a putative inositol catabolism protein iole2 (iole, lp_3607) from lactobacillus plantarum wcfs1 at 1.85 a3 resolution
78	c2ciuA_	Alignment	not modelled	8.2	18	PDB header: protein transport Chain: A: PDB Molecule: import inner membrane translocase subunit tim21 PDBTitle: structure of the ims domain of the mitochondrial import2 protein tim21 from s. cerevisiae
79	c1ponB_	Alignment	not modelled	8.2	30	PDB header: calcium-binding protein Chain: B: PDB Molecule: troponin c; PDBTitle: site iii-site iv troponin c heterodimer, nmr
80	d1ftpa_	Alignment	not modelled	8.1	14	Fold: Lipocalins Superfamily: Lipocalins Family: Fatty acid binding protein-like
						PDB header: insulin-like brain-secretory peptide Chain: B: PDB Molecule: bombyxin-ii,bombyxin a-6;

81	c1bomB_	Alignment	not modelled	8.1	33	PDBTitle: three-dimensional structure of bombyxin-ii, an insulin-2 related brain-secretory peptide of the silkmoth bombyx3 mori: comparison with insulin and relaxin
82	c3fs7D_	Alignment	not modelled	8.0	22	PDB header: metal binding protein Chain: D: PDB Molecule: parvalbumin, thymic; PDBTitle: crystal structure of gallus gallus beta-parvalbumin (avian2 thymic hormone)
83	d1wrka1	Alignment	not modelled	8.0	13	Fold: EF Hand-like Superfamily: EF-hand Family: Calmodulin-like
84	d1m45a_	Alignment	not modelled	8.0	6	Fold: EF Hand-like Superfamily: EF-hand Family: Calmodulin-like
85	d2pq3a1	Alignment	not modelled	8.0	16	Fold: EF Hand-like Superfamily: EF-hand Family: Calmodulin-like
86	d1ksoa_	Alignment	not modelled	7.9	23	Fold: EF Hand-like Superfamily: EF-hand Family: S100 proteins
87	c1x5bA_	Alignment	not modelled	7.9	15	PDB header: protein binding Chain: A: PDB Molecule: signal transducing adaptor molecule 2; PDBTitle: the solution structure of the vhs domain of human signal2 transducing adaptor molecule 2
88	c2bjeA_	Alignment	not modelled	7.9	10	PDB header: hydrolase Chain: A: PDB Molecule: acylphosphatase; PDBTitle: acylphosphatase from sulfolobus solfataricus. monoclinic p212 space group
89	d1sw8a_	Alignment	not modelled	7.8	20	Fold: EF Hand-like Superfamily: EF-hand Family: Calmodulin-like
90	d1wdja_	Alignment	not modelled	7.8	13	Fold: Restriction endonuclease-like Superfamily: Restriction endonuclease-like Family: Hypothetical protein TT1808 (TTHA1514)
91	c3ereD_	Alignment	not modelled	7.8	15	PDB header: dna binding protein/dna Chain: D: PDB Molecule: arginine repressor; PDBTitle: crystal structure of the arginine repressor protein from mycobacterium2 tuberculosis in complex with the dna operator
92	c3ngfA_	Alignment	not modelled	7.7	27	PDB header: isomerase Chain: A: PDB Molecule: ap endonuclease, family 2; PDBTitle: crystal structure of ap endonuclease, family 2 from brucella2 melitensis
93	d1qx2a_	Alignment	not modelled	7.6	13	Fold: EF Hand-like Superfamily: EF-hand Family: Calbindin D9K
94	c2kdhA_	Alignment	not modelled	7.6	11	PDB header: structural protein Chain: A: PDB Molecule: troponin c, slow skeletal and cardiac muscles; PDBTitle: the solution structure of human cardiac troponin c in2 complex with the green tea polyphenol; (-)-3 epigallocatechin-3-gallate
95	d2obha1	Alignment	not modelled	7.5	15	Fold: EF Hand-like Superfamily: EF-hand Family: Calmodulin-like
96	c1ozsA_	Alignment	not modelled	7.4	13	PDB header: structural protein Chain: A: PDB Molecule: troponin c, slow skeletal and cardiac muscles; PDBTitle: c-domain of human cardiac troponin c in complex with the2 inhibitory region of human cardiac troponin i
97	d1q88a_	Alignment	not modelled	7.4	17	Fold: 39 kda initiator binding protein, IBP39, C-terminal domains Superfamily: 39 kda initiator binding protein, IBP39, C-terminal domains Family: 39 kda initiator binding protein, IBP39, C-terminal domains
98	d1yuta1	Alignment	not modelled	7.4	10	Fold: EF Hand-like Superfamily: EF-hand Family: S100 proteins
99	d1zaca_	Alignment	not modelled	7.4	19	Fold: EF Hand-like Superfamily: EF-hand Family: Calmodulin-like