
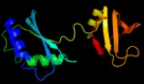

















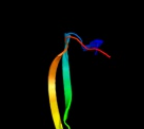






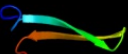

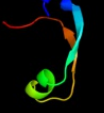




#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1ib8A_	 Alignment		100.0	32	PDB header: nucleic acid binding protein Chain: A: PDB Molecule: conserved protein sp14.3; PDBTitle: solution structure and function of a conserved protein2 sp14.3 encoded by an essential streptococcus pneumoniae3 gene
2	d1ib8a2	 Alignment		99.9	37	Fold: Alpha-lytic protease prodomain-like Superfamily: YhbC-like, N-terminal domain Family: YhbC-like, N-terminal domain
3	d1ib8a1	 Alignment		99.4	28	Fold: Sm-like fold Superfamily: YhbC-like, C-terminal domain Family: YhbC-like, C-terminal domain
4	c1y96C_	 Alignment		88.7	11	PDB header: rna binding protein Chain: C: PDB Molecule: gem-associated protein 6; PDBTitle: crystal structure of the gemin6/gemin7 heterodimer from the2 human smn complex
5	c3cw15_	 Alignment		85.0	22	PDB header: splicing Chain: 5: PDB Molecule: small nuclear ribonucleoprotein g; PDB Fragment: residues 1-215; PDBTitle: crystal structure of human spliceosomal u1 snrnp
6	d1h641_	 Alignment		83.9	24	Fold: Sm-like fold Superfamily: Sm-like ribonucleoproteins Family: Sm motif of small nuclear ribonucleoproteins, SNRNP
7	d1th7a1	 Alignment		83.0	13	Fold: Sm-like fold Superfamily: Sm-like ribonucleoproteins Family: Sm motif of small nuclear ribonucleoproteins, SNRNP
8	d1i8fa_	 Alignment		80.8	18	Fold: Sm-like fold Superfamily: Sm-like ribonucleoproteins Family: Sm motif of small nuclear ribonucleoproteins, SNRNP
9	d1m5q1_	 Alignment		79.4	37	Fold: Sm-like fold Superfamily: Sm-like ribonucleoproteins Family: Sm motif of small nuclear ribonucleoproteins, SNRNP
10	d1mgqa_	 Alignment		77.4	25	Fold: Sm-like fold Superfamily: Sm-like ribonucleoproteins Family: Sm motif of small nuclear ribonucleoproteins, SNRNP
11	c3bw1A_	 Alignment		77.1	29	PDB header: rna binding protein Chain: A: PDB Molecule: u6 snrna-associated sm-like protein lsm3; PDBTitle: crystal structure of homomeric yeast lsm3 exhibiting novel octameric2 ring organisation

12	d1b34a_	Alignment		76.3	32	Fold: Sm-like fold Superfamily: Sm-like ribonucleoproteins Family: Sm motif of small nuclear ribonucleoproteins, SNRNP
13	c1b34A_	Alignment		76.3	32	PDB header: rna binding protein Chain: A: PDB Molecule: protein (small nuclear ribonucleoprotein sm d1); PDBTitle: crystal structure of the d1d2 sub-complex from the human snrnp core2 domain
14	d1jbma_	Alignment		76.2	25	Fold: Sm-like fold Superfamily: Sm-like ribonucleoproteins Family: Sm motif of small nuclear ribonucleoproteins, SNRNP
15	c3swnt_	Alignment		75.8	21	PDB header: rna binding protein Chain: T: PDB Molecule: u6 snrna-associated sm-like protein lsm6; PDBTitle: structure of the lsm657 complex: an assembly intermediate of the lsm12 7 and lsm2 8 rings
16	c3cw1Z_	Alignment		74.9	25	PDB header: splicing Chain: Z: PDB Molecule: small nuclear ribonucleoprotein f; PDBTitle: crystal structure of human spliceosomal u1 snrnp
17	c1n9sH_	Alignment		74.9	21	PDB header: translation Chain: H: PDB Molecule: small nuclear ribonucleoprotein f; PDBTitle: crystal structure of yeast smf in spacegroup p43212
18	c3swnA_	Alignment		74.8	14	PDB header: rna binding protein Chain: A: PDB Molecule: u6 snrna-associated sm-like protein lsm5; PDBTitle: structure of the lsm657 complex: an assembly intermediate of the lsm12 7 and lsm2 8 rings
19	c2fwkB_	Alignment		74.3	17	PDB header: dna binding protein Chain: B: PDB Molecule: u6 snrna-associated sm-like protein lsm5; PDBTitle: crystal structure of cryptosporidium parvum u6 snrna-associated sm-2 like protein lsm5
20	d1ljoa_	Alignment		74.2	17	Fold: Sm-like fold Superfamily: Sm-like ribonucleoproteins Family: Sm motif of small nuclear ribonucleoproteins, SNRNP
21	d1d3bl_	Alignment	not modelled	74.1	17	Fold: Sm-like fold Superfamily: Sm-like ribonucleoproteins Family: Sm motif of small nuclear ribonucleoproteins, SNRNP
22	c3swnC_	Alignment	not modelled	73.7	20	PDB header: rna binding protein Chain: C: PDB Molecule: u6 snrna-associated sm-like protein lsm7; PDBTitle: structure of the lsm657 complex: an assembly intermediate of the lsm12 7 and lsm2 8 rings
23	d1n9ra_	Alignment	not modelled	73.5	21	Fold: Sm-like fold Superfamily: Sm-like ribonucleoproteins Family: Sm motif of small nuclear ribonucleoproteins, SNRNP
24	d1d3ba_	Alignment	not modelled	72.6	14	Fold: Sm-like fold Superfamily: Sm-like ribonucleoproteins Family: Sm motif of small nuclear ribonucleoproteins, SNRNP
25	d1n9sc_	Alignment	not modelled	72.5	21	Fold: Sm-like fold Superfamily: Sm-like ribonucleoproteins Family: Sm motif of small nuclear ribonucleoproteins, SNRNP
26	d1biaa2	Alignment	not modelled	71.6	16	Fold: SH3-like barrel Superfamily: C-terminal domain of transcriptional repressors Family: Biotin repressor (BirA)
27	d1i4k1_	Alignment	not modelled	71.3	20	Fold: Sm-like fold Superfamily: Sm-like ribonucleoproteins Family: Sm motif of small nuclear ribonucleoproteins, SNRNP
28	c2ewnA_	Alignment	not modelled	71.2	19	PDB header: ligase, transcription Chain: A: PDB Molecule: bira bifunctional protein; PDBTitle: ecoli biotin repressor with co-repressor analog
						PDB header: transcription

55	dlu2ma_	Alignment	not modelled	31.3	13	Superfamily: OmpH-like Family: OmpH-like
56	c2hbpA_	Alignment	not modelled	29.1	12	PDB header: endocytosis, protein binding Chain: A: PDB Molecule: cytoskeleton assembly control protein sla1; PDBTitle: solution structure of sla1 homology domain 1
57	c1tt9B_	Alignment	not modelled	28.3	17	PDB header: transferase, lyase Chain: B: PDB Molecule: formimidoyltransferase-cyclodeaminase PDBTitle: structure of the bifunctional and golgi associated2 formiminotransferase cyclodeaminase octamer
58	dlb34b_	Alignment	not modelled	26.9	35	Fold: Sm-like fold Superfamily: Sm-like ribonucleoproteins Family: Sm motif of small nuclear ribonucleoproteins, SNRNP
59	c1b34B_	Alignment	not modelled	26.9	35	PDB header: rna binding protein Chain: B: PDB Molecule: protein (small nuclear ribonucleoprotein sm d2); PDBTitle: crystal structure of the d1d2 sub-complex from the human snrnp core2 domain
60	dlwina_	Alignment	not modelled	25.4	15	Fold: EF-Ts domain-like Superfamily: Band 7/SPFH domain Family: Band 7/SPFH domain
61	dlsg5a1	Alignment	not modelled	22.4	19	Fold: Rof/RNase P subunit-like Superfamily: Rof/RNase P subunit-like Family: Rof-like
62	clgshA_	Alignment	not modelled	22.3	16	PDB header: glutathione biosynthesis ligase Chain: A: PDB Molecule: glutathione biosynthetic ligase; PDBTitle: structure of escherichia coli glutathione synthetase at ph 7.5
63	c1h9aA_	Alignment	not modelled	22.1	18	PDB header: oxidoreductase (choh(d) - nad(p)) Chain: A: PDB Molecule: glucose 6-phosphate 1-dehydrogenase; PDBTitle: complex of active mutant (q365->c) of glucose 6-phosphate2 dehydrogenase from l. mesenteroides with coenzyme nadp
64	dlug7a_	Alignment	not modelled	20.9	10	Fold: Four-helical up-and-down bundle Superfamily: Domain from hypothetical 2610208m17rik protein Family: Domain from hypothetical 2610208m17rik protein
65	c3cw1W_	Alignment	not modelled	20.5	21	PDB header: splicing Chain: W: PDB Molecule: small nuclear ribonucleoprotein e; PDBTitle: crystal structure of human spliceosomal u1 snrnp
66	clqkiE_	Alignment	not modelled	20.0	15	PDB header: oxidoreductase Chain: E: PDB Molecule: glucose-6-phosphate 1-dehydrogenase; PDBTitle: x-ray structure of human glucose 6-phosphate dehydrogenase2 (variant canton r459l) complexed with structural nadp+
67	c3ic8D_	Alignment	not modelled	20.0	20	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
68	c2zy3A_	Alignment	not modelled	18.2	13	PDB header: lyase Chain: A: PDB Molecule: l-aspartate beta-decarboxylase; PDBTitle: dodecameric l-aspartate beta-decarboxylase
69	d1t4za_	Alignment	not modelled	17.5	20	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: KaiB-like
70	d3bypa1	Alignment	not modelled	17.2	11	Fold: Alpha-lytic protease prodomain-like Superfamily: Cation efflux protein cytoplasmic domain-like Family: Cation efflux protein cytoplasmic domain-like
71	d1kuta_	Alignment	not modelled	17.1	25	Fold: SAICAR synthase-like Superfamily: SAICAR synthase-like Family: SAICAR synthase
72	c2bhlB_	Alignment	not modelled	16.8	15	PDB header: oxidoreductase (choh(d)-nadp) Chain: B: PDB Molecule: glucose-6-phosphate 1-dehydrogenase; PDBTitle: x-ray structure of human glucose-6-phosphate dehydrogenase2 (deletion variant) complexed with glucose-6-phosphate
73	c3dexA_	Alignment	not modelled	16.0	11	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: sav_2001; PDBTitle: crystal structure of sav_2001 protein from streptomyces2 avermitilis, northeast structural genomics consortium3 target svr107.
74	c2iruA_	Alignment	not modelled	16.0	8	PDB header: transferase Chain: A: PDB Molecule: putative dna ligase-like protein rv0938/mt0965; PDBTitle: crystal structure of the polymerase domain from mycobacterium2 tuberculosis ligase d
75	d1h8la1	Alignment	not modelled	15.2	20	Fold: Prealbumin-like Superfamily: Carboxypeptidase regulatory domain-like Family: Carboxypeptidase regulatory domain
76	clqd1A_	Alignment	not modelled	15.1	19	PDB header: transferase Chain: A: PDB Molecule: formiminotransferase-cyclodeaminase; PDBTitle: the crystal structure of the formiminotransferase domain of2 formiminotransferase-cyclodeaminase.
77	clzq1B_	Alignment	not modelled	15.0	19	PDB header: lyase Chain: B: PDB Molecule: glutamyl-trna(gln) amidotransferase subunit d; PDBTitle: structure of gatde trna-dependent amidotransferase from2 pyrococcus abyssi
78	c1bknA_	Alignment	not modelled	14.9	28	PDB header: dna repair Chain: A: PDB Molecule: mutl; PDBTitle: crystal structure of an n-terminal 40kd fragment of e. coli2 dna mismatch repair protein mutl
79	d2bul1a1	Alignment	not modelled	14.8	26	Fold: RNA bacteriophage capsid protein Superfamily: RNA bacteriophage capsid protein Family: RNA bacteriophage capsid protein
						Fold: Prealbumin-like

80	dluwya1	Alignment	not modelled	14.8	36	Superfamily: Carboxypeptidase regulatory domain-like Family: Carboxypeptidase regulatory domain
81	c2gqsA_	Alignment	not modelled	14.5	21	PDB header: ligase Chain: A: PDB Molecule: phosphoribosylaminoimidazole-succinocarboxamide PDBTitle: saicar synthetase complexed with cair-mg2+ and adp
82	c3kreA_	Alignment	not modelled	14.2	18	PDB header: ligase Chain: A: PDB Molecule: phosphoribosylaminoimidazole-succinocarboxamide synthase; PDBTitle: crystal structure of phosphoribosylaminoimidazole-succinocarboxamide2 synthase from ehrlichia chaffeensis at 1.8a resolution
83	c1m1gB_	Alignment	not modelled	14.2	22	PDB header: transcription Chain: B: PDB Molecule: transcription antitermination protein nusg; PDBTitle: crystal structure of aquifex aeolicus n-utilization2 substance g (nusg), space group p2(1)
84	c2z02A_	Alignment	not modelled	14.2	18	PDB header: ligase Chain: A: PDB Molecule: phosphoribosylaminoimidazole-succinocarboxamide PDBTitle: crystal structure of2 phosphoribosylaminoimidazolesuccinocarboxamide synthase3 wit atp from methanocaldococcus jannaschii
85	c2ywwB_	Alignment	not modelled	13.7	4	PDB header: ligase Chain: B: PDB Molecule: phosphoribosylaminoimidazole succinocarboxamide synthetase; PDBTitle: crystal structure of saicar synthetase from geobacillus kaustophilus
86	c2faoB_	Alignment	not modelled	13.5	14	PDB header: hydrolase/transferase Chain: B: PDB Molecule: probable atp-dependent dna ligase; PDBTitle: crystal structure of pseudomonas aeruginosa ligd polymerase2 domain
87	c3d0fA_	Alignment	not modelled	13.4	9	PDB header: transferase Chain: A: PDB Molecule: penicillin-binding 1 transmembrane protein mrca; PDBTitle: structure of the big_1156.2 domain of putative penicillin-binding2 protein mrca from nitrosomonas europaea atcc 19718
88	c2h31A_	Alignment	not modelled	13.3	18	PDB header: ligase, lyase Chain: A: PDB Molecule: multifunctional protein ade2; PDBTitle: crystal structure of human paics, a bifunctional carboxylase and2 synthetase in purine biosynthesis
89	c3nuaB_	Alignment	not modelled	13.3	11	PDB header: ligase Chain: B: PDB Molecule: phosphoribosylaminoimidazole-succinocarboxamide synthase; PDBTitle: crystal structure of phosphoribosylaminoimidazole-succinocarboxamide2 synthase from clostridium perfringens
90	c2kz0A_	Alignment	not modelled	13.1	9	PDB header: transcription Chain: A: PDB Molecule: bola family protein; PDBTitle: solution structure of a bola protein (ech_0303) from ehrlichia2 chaffeensis. seattle structural genomics center for infectious3 disease target ehcha.10365.a
91	c3qiiA_	Alignment	not modelled	12.7	18	PDB header: transcription regulator Chain: A: PDB Molecule: phd finger protein 20; PDBTitle: crystal structure of tudor domain 2 of human phd finger protein 20
92	c3kbqA_	Alignment	not modelled	12.6	18	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: protein ta0487; PDBTitle: the crystal structure of the protein cina with unknown function from2 thermoplasma acidophilum
93	c2p0gB_	Alignment	not modelled	12.3	6	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: selenoprotein w-related protein; PDBTitle: crystal structure of selenoprotein w-related protein from2 vibrio cholerae. northeast structural genomics target vcr75
94	c2ojlB_	Alignment	not modelled	12.0	14	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: hypothetical protein; PDBTitle: crystal structure of q7waf1_borpa from bordetella parapertussis.2 northeast structural genomics target bpr68.
95	c3bfmA_	Alignment	not modelled	11.9	20	PDB header: unknown function Chain: A: PDB Molecule: biotin protein ligase-like protein of unknown function; PDBTitle: crystal structure of a biotin protein ligase-like protein of unknown2 function (tm1040_0394) from silicibacter sp. tm1040 at 1.70 a3 resolution
96	c2ckkA_	Alignment	not modelled	11.3	20	PDB header: nuclear protein Chain: A: PDB Molecule: kin17; PDBTitle: high resolution crystal structure of the human kin172 c-terminal domain containing a kow motif3 kin17.
97	d3bpdA1	Alignment	not modelled	11.3	8	Fold: Ferredoxin-like Superfamily: MTH889-like Family: MTH889-like
98	d1utyA_	Alignment	not modelled	10.9	39	Fold: BTV NS2-like ssRNA-binding domain Superfamily: BTV NS2-like ssRNA-binding domain Family: BTV NS2-like ssRNA-binding domain
99	c1utyA_	Alignment	not modelled	10.9	39	PDB header: viral protein Chain: A: PDB Molecule: non-structural protein 2; PDBTitle: crystal structure of the rna binding domain of bluetongue2 virus non-structural protein 2(ns2)