


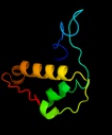

















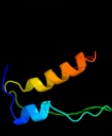

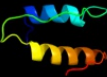

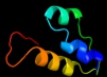

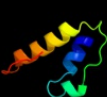

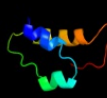

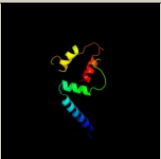



#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2kz6A_	 Alignment		97.3	26	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: solution structure of protein cv0426 from chromobacterium violaceum, 2 northeast structural genomics consortium (nesg) target cvt2
2	c3ezkB_	 Alignment		96.9	19	PDB header: hydrolase Chain: B: PDB Molecule: dna packaging protein gp17; PDBTitle: bacteriophage t4 gp17 motor assembly based on crystal2 structures and cryo-em reconstructions
3	c2o0hA_	 Alignment		91.3	17	PDB header: hydrolase Chain: A: PDB Molecule: dna packaging protein gp17; PDBTitle: t4 gp17 atpase domain mutant complexed with atp
4	c3b85A_	 Alignment		87.9	19	PDB header: hydrolase Chain: A: PDB Molecule: phosphate starvation-inducible protein; PDBTitle: crystal structure of predicted phosphate starvation-induced atpase2 pho2 from corynebacterium glutamicum
5	d1uaaa1	 Alignment		85.1	16	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Tandem AAA-ATPase domain
6	c2chgB_	 Alignment		84.9	11	PDB header: dna-binding protein Chain: B: PDB Molecule: replication factor c small subunit; PDBTitle: replication factor c domains 1 and 2
7	c1wp9D_	 Alignment		84.1	11	PDB header: hydrolase Chain: D: PDB Molecule: atp-dependent rna helicase, putative; PDBTitle: crystal structure of pyrococcus furiosus hef helicase domain
8	c3lfuA_	 Alignment		83.3	18	PDB header: hydrolase Chain: A: PDB Molecule: dna helicase ii; PDBTitle: crystal structure of e. coli uvrd
9	d2p6ra3	 Alignment		82.5	10	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Tandem AAA-ATPase domain
10	c2is6B_	 Alignment		82.0	20	PDB header: hydrolase/dna Chain: B: PDB Molecule: dna helicase ii; PDBTitle: crystal structure of uvrd-dna-adpmgf3 ternary complex
11	d2eyqa3	 Alignment		80.4	17	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Tandem AAA-ATPase domain

12	c2ocaA	Alignment		80.0	18	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent dna helicase uvsw; PDBTitle: the crystal structure of t4 uvsw
13	d1gl9b1	Alignment		78.8	15	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Helicase-like "domain" of reverse gyrase
14	c1uaaB	Alignment		78.3	17	PDB header: hydrolase/dna Chain: B: PDB Molecule: protein (atp-dependent dna helicase rep.); PDBTitle: e. coli rep helicase/dna complex
15	d1pjr1	Alignment		77.6	20	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Tandem AAA-ATPase domain
16	c2va8A	Alignment		77.3	9	PDB header: hydrolase Chain: A: PDB Molecule: ski2-type helicase; PDBTitle: dna repair helicase hel308
17	d1rifa	Alignment		77.2	17	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: DNA helicase UvsW
18	d1w36b1	Alignment		75.4	13	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Tandem AAA-ATPase domain
19	c1pjrA	Alignment		75.1	20	PDB header: helicase Chain: A: PDB Molecule: pcra; PDBTitle: structure of dna helicase
20	c2cnwF	Alignment		74.5	14	PDB header: signal recognition Chain: F: PDB Molecule: cell division protein ftsy; PDBTitle: gdpalf4 complex of the srp gtpases ffh and ftsy
21	c2zj2A	Alignment	not modelled	73.3	9	PDB header: hydrolase Chain: A: PDB Molecule: putative ski2-type helicase; PDBTitle: archaeal dna helicase hjm apo state in form 1
22	c2pjrF	Alignment	not modelled	72.9	19	PDB header: hydrolase/dna Chain: F: PDB Molecule: protein (helicase pcra); PDBTitle: helicase product complex
23	c3oiyB	Alignment	not modelled	72.2	13	PDB header: isomerase Chain: B: PDB Molecule: reverse gyrase helicase domain; PDBTitle: helicase domain of reverse gyrase from thermotoga maritima
24	c3q5dA	Alignment	not modelled	70.1	20	PDB header: hydrolase Chain: A: PDB Molecule: atlastin-1; PDBTitle: crystal structure of human atlastin-1 (residues 1-447) bound to gdp,2 crystal form 1
25	c3b6eA	Alignment	not modelled	69.0	10	PDB header: hydrolase Chain: A: PDB Molecule: interferon-induced helicase c domain-containing protein 1; PDBTitle: crystal structure of human dech-box rna helicase mda5 (melanoma2 differentiation-associated protein 5), dech-domain
26	d1gkub1	Alignment	not modelled	68.6	16	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Helicase-like "domain" of reverse gyrase
27	c1f5nA	Alignment	not modelled	67.7	24	PDB header: signaling protein Chain: A: PDB Molecule: interferon-induced guanylate-binding protein 1; PDBTitle: human guanylate binding protein-1 in complex with the gtp2 analogue, gmppnp.
28	d1wp9a1	Alignment	not modelled	66.6	12	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases

					Family: Tandem AAA-ATPase domain
29	c3tmiA	Alignment	not modelled	61.9	6 PDB header: hydrolase/rna Chain: A: PDB Molecule: atp-dependent rna helicase ddx58; PDBTitle: structural basis for rna recognition and activation of rig-i
30	c2gk7A	Alignment	not modelled	61.2	8 PDB header: hydrolase Chain: A: PDB Molecule: regulator of nonsense transcripts 1; PDBTitle: structural and functional insights into the human upf1 helicase core
31	c3olqA	Alignment	not modelled	59.7	25 PDB header: structural genomics, unknown function Chain: A: PDB Molecule: universal stress protein e; PDBTitle: the crystal structure of a universal stress protein e from proteus2 mirabilis hi4320
32	d1gm5a3	Alignment	not modelled	58.5	13 Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Tandem AAA-ATPase domain
33	c3fhtA	Alignment	not modelled	57.3	9 PDB header: hydrolase/rna Chain: A: PDB Molecule: atp-dependent rna helicase ddx19b; PDBTitle: crystal structure of human dbp5 in complex with amppnp and rna
34	c1hv8B	Alignment	not modelled	56.6	11 PDB header: rna binding protein Chain: B: PDB Molecule: putative atp-dependent rna helicase mj0669; PDBTitle: crystal structure of a dead box protein from the2 hyperthermophile methanococcus jannaschii
35	d1n0ua2	Alignment	not modelled	56.1	17 Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: G proteins
36	c2d7dA	Alignment	not modelled	55.8	9 PDB header: hydrolase/dna Chain: A: PDB Molecule: uvrabc system protein b; PDBTitle: structural insights into the cryptic dna dependent atp-ase2 activity of uvr
37	c2chvE	Alignment	not modelled	55.5	9 PDB header: dna-binding protein Chain: E: PDB Molecule: replication factor c small subunit; PDBTitle: replication factor c adpnp complex
38	c1vmaA	Alignment	not modelled	55.1	17 PDB header: protein transport Chain: A: PDB Molecule: cell division protein ftsy; PDBTitle: crystal structure of cell division protein ftsy (tm0570) from2 thermotoga maritima at 1.60 a resolution
39	c1sxC	Alignment	not modelled	54.4	7 PDB header: replication Chain: C: PDB Molecule: activator 1 40 kda subunit; PDBTitle: crystal structure of the eukaryotic clamp loader2 (replication factor c, rfc) bound to the dna sliding clamp3 (proliferating cell nuclear antigen, pcna)
40	c3ewsA	Alignment	not modelled	54.0	9 PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent rna helicase ddx19b; PDBTitle: human dead-box rna-helicase ddx19 in complex with adp
41	c3b9qA	Alignment	not modelled	52.0	8 PDB header: protein transport Chain: A: PDB Molecule: chloroplast srp receptor homolog, alpha subunit PDBTitle: the crystal structure of cpfts from arabidopsis thaliana
42	c2qy9A	Alignment	not modelled	51.7	14 PDB header: protein transport Chain: A: PDB Molecule: cell division protein ftsy; PDBTitle: structure of the ng+1 construct of the e. coli srp receptor2 ftsy
43	c2gxaA	Alignment		51.4	17 PDB header: replication/dna Chain: A: PDB Molecule: replication protein e1; PDBTitle: crystal structure of papillomavirus e1 hexameric helicase2 with ssdna and mgadp
44	c4a4zA	Alignment	not modelled	50.9	14 PDB header: hydrolase Chain: A: PDB Molecule: antiviral helicase ski2; PDBTitle: crystal structure of the s. cerevisiae dexh helicase ski2 bound to2 amppnp
45	c3cbqA	Alignment		50.1	14 PDB header: nucleotide binding protein Chain: A: PDB Molecule: gtp-binding protein rem 2; PDBTitle: crystal structure of the human rem2 gtpase with bound gdp
46	c1qhhA	Alignment	not modelled	49.8	17 PDB header: hydrolase Chain: A: PDB Molecule: protein (pcra (subunit)); PDBTitle: structure of dna helicase with adpnp
47	c2b92A	Alignment	not modelled	49.8	18 PDB header: signaling protein Chain: A: PDB Molecule: interferon-induced guanylate-binding protein 1; PDBTitle: crystal-structure of the n-terminal large gtpase domain of human2 guanylate binding protein 1 (hgbp1) in complex with gdp/alf3
48	c1xpuB	Alignment	not modelled	48.9	10 PDB header: transcription/rna Chain: B: PDB Molecule: rho transcription termination factor; PDBTitle: structural mechanism of inhibition of the rho transcription2 termination factor by the antibiotic 5a-(3-formylphenylsulfanyl)-3 dihydrobiocyclomycin (fpdb)
49	c2px0D	Alignment	not modelled	48.7	15 PDB header: biosynthetic protein Chain: D: PDB Molecule: flagellar biosynthesis protein flhf; PDBTitle: crystal structure of flhf complexed with gmppnp/mg(2+)
50	c2qu8A	Alignment	not modelled	48.1	15 PDB header: structural genomics, unknown function Chain: A: PDB Molecule: putative nucleolar gtp-binding protein 1; PDBTitle: crystal structure of putative nucleolar gtp-binding protein 1 pff0625w2 from plasmodium falciparum
51	c2xgiA	Alignment	not modelled	47.7	19 PDB header: hydrolase/rna Chain: A: PDB Molecule: atp-dependent rna helicase dob1; PDBTitle: structure of mtr4, a dexh helicase involved in nuclear

						rna2 processing and surveillance PDB header: biosynthetic protein Chain: A: PDB Molecule: molybdopterin-guanine dinucleotide biosynthesis PDBTitle: crystal structure of molybdopterin-guanine biosynthesis2 protein b (mobb)
52	c2f1rA_	Alignment	not modelled	47.7	8	PDB header: dna binding protein Chain: A: PDB Molecule: afuhel308 helicase; PDBTitle: apo structure of the hel308 superfamily 2 helicase
53	c2p6uA_	Alignment	not modelled	47.1	9	PDB header: hydrolase Chain: A: PDB Molecule: putative primosome component; PDBTitle: crystal structure of a putative primosome component from2 streptococcus pyogenes serotype m3. northeast structural3 genomics target dr58
54	c2qgzA_	Alignment	not modelled	47.0	15	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Extended AAA-ATPase domain
55	d1tuea_	Alignment	not modelled	47.0	15	PDB header: hydrolase/rna Chain: A: PDB Molecule: atp-dependent rna helicase mss116; PDBTitle: structure of mss116p bound to ssrna containing a single 5-bru and amp-2 pnp
56	c3i5yA_	Alignment	not modelled	46.9	16	PDB header: signal recognition Chain: A: PDB Molecule: signal recognition particle protein; PDBTitle: gmppnp-stabilized ng domain complex of the srp gtpases ffh2 and ftsy
57	c2j7pA_	Alignment	not modelled	46.5	17	PDB header: transferase Chain: A: PDB Molecule: homoserine o-succinyltransferase; PDBTitle: crystal structure of homoserine o-succinyltransferase (ec 2.3.1.46)2 (homoserine o-transsuccinylase) (hts) (tm0881) from thermotoga3 maritima at 2.52 a resolution
58	c2h2wA_	Alignment	not modelled	46.0	12	PDB header: replication Chain: D: PDB Molecule: activator 1 41 kda subunit; PDBTitle: crystal structure of the eukaryotic clamp loader2 (replication factor c, rfc) bound to the dna sliding clamp3 (proliferating cell nuclear antigen, pcna)
59	c1sxD_	Alignment	not modelled	45.8	11	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: G proteins
60	d2erxa1	Alignment	not modelled	45.6	29	PDB header: protein transport Chain: A: PDB Molecule: fts; y; PDBTitle: crystal structure of ftsy from mycoplasma mycoides-space2 group p21212
61	c1zu4A_	Alignment	not modelled	45.5	16	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: RecA protein-like (ATPase-domain)
62	d2jdid3	Alignment	not modelled	44.7	9	PDB header: hydrolase/rna Chain: A: PDB Molecule: atp-dependent helicase nam7; PDBTitle: upf1-rna complex
63	c2xzlA_	Alignment	not modelled	43.9	8	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: G proteins
64	d1m7ba_	Alignment	not modelled	43.2	19	PDB header: gtpase Chain: A: PDB Molecule: rho-related gtp-binding protein rhoe; PDBTitle: the crystal structure of the core domain of rhoe/rnd3 - a2 constitutively activated small g protein
65	c1gwnA_	Alignment	not modelled	43.2	19	PDB header: signaling protein/hydrolase Chain: A: PDB Molecule: adp-ribosylation factor-like protein 2; PDBTitle: complex of arl2 and bart, crystal form 1
66	c3doeA_	Alignment	not modelled	42.8	7	PDB header: hydrolase Chain: B: PDB Molecule: type iv secretion system protein virb11; PDBTitle: crystal structure of the virb11 atpase from the brucella suis type iv2 secretion system in complex with sulphate
67	c2qzaB_	Alignment	not modelled	42.8	7	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent rna helicase dbp5; PDBTitle: s. cerevisiae dbp5 I327v bound to gle1 h337r and ip6
68	c3pexA_	Alignment	not modelled	42.6	9	PDB header: signaling protein Chain: B: PDB Molecule: gtp-binding protein rem 2; PDBTitle: crystal structure of rem2 g-domain -gtp analog complex
69	c3q85B_	Alignment	not modelled	41.9	24	PDB header: signaling protein Chain: B: PDB Molecule: ras-related protein rab-43; PDBTitle: crystal structure of human rab43 in complex with gdp
70	c2hupB_	Alignment	not modelled	41.7	19	PDB header: immune system Chain: A: PDB Molecule: gtpase imap family member 1; PDBTitle: crystal structure of human gtpase imap family member 1
71	c3lxaA_	Alignment	not modelled	41.5	18	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: G proteins
72	d1z2aa1	Alignment	not modelled	41.3	14	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: G proteins
73	d1wmsa_	Alignment	not modelled	40.6	19	PDB header: transport protein Chain: A: PDB Molecule: signal recognition particle receptor; PDBTitle: structures and conformations in solution of the signal recognition2 particle receptor from the archaeon pyrococcus furiosus
74	c3dmdA_	Alignment	not modelled	39.7	8	PDB header: helicase Chain: A: PDB Molecule: recg; PDBTitle: structure of recg bound to three-way dna junction
75	c1gm5A_	Alignment	not modelled	39.7	16	PDB header: gene regulation Chain: A: PDB Molecule: probable atp-dependent rna helicase p47;
76	c1xtkA_	Alignment	not modelled	39.6	9	

						PDBTitle: structure of decd to dead mutation of human uap56
77	c3clvA_	Alignment	not modelled	39.6	18	PDB header: signaling protein Chain: A: PDB Molecule: rab5 protein, putative; PDBTitle: crystal structure of rab5a from plasmodium falciparum,2 pfb0500c
78	c2v9pH_	Alignment	not modelled	39.3	19	PDB header: hydrolase Chain: H: PDB Molecule: replication protein e1; PDBTitle: crystal structure of papillomavirus e1 hexameric helicase2 dna-free form
79	dlz0aa1	Alignment	not modelled	39.0	24	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: G proteins
80	dlupta_	Alignment	not modelled	39.0	10	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: G proteins
81	c3l0oB_	Alignment	not modelled	38.8	11	PDB header: hydrolase Chain: B: PDB Molecule: transcription termination factor rho; PDBTitle: structure of rna-free rho transcription termination factor from2 thermotoga maritima
82	dlxpua3	Alignment	not modelled	38.5	9	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: RecA protein-like (ATPase-domain)
83	c3e1sA_	Alignment	not modelled	38.2	20	PDB header: hydrolase Chain: A: PDB Molecule: exodeoxyribonuclease v, subunit recd; PDBTitle: structure of an n-terminal truncation of deinococcus radiodurans recd2
84	c2zejA_	Alignment	not modelled	38.2	18	PDB header: transferase Chain: A: PDB Molecule: leucine-rich repeat kinase 2; PDBTitle: structure of the roc domain from the parkinson's disease-associated2 leucine-rich repeat kinase 2 reveals a dimeric gtpase
85	c3tbkA_	Alignment	not modelled	38.2	6	PDB header: hydrolase Chain: A: PDB Molecule: rig-i helicase domain; PDBTitle: mouse rig-i atpase domain
86	c2gf0C_	Alignment	not modelled	37.9	29	PDB header: transport protein Chain: C: PDB Molecule: gtp-binding protein di-ras1; PDBTitle: the crystal structure of the human diras1 gtpase in the2 inactive gdp bound state
87	cliqpF_	Alignment	not modelled	37.2	11	PDB header: replication Chain: F: PDB Molecule: rfdc; PDBTitle: crystal structure of the clamp loader small subunit from2 pyrococcus furiosus
88	dlg16a_	Alignment	not modelled	37.1	22	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: G proteins
89	dlxjb2	Alignment	not modelled	37.0	10	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Extended AAA-ATPase domain
90	dlmr3f_	Alignment	not modelled	36.9	9	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: G proteins
91	dlmkyal	Alignment	not modelled	36.8	24	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: G proteins
92	c2oaq1_	Alignment	not modelled	36.5	26	PDB header: hydrolase Chain: 1: PDB Molecule: type ii secretion system protein; PDBTitle: crystal structure of the archaeal secretion atpase gspe in complex2 with phosphate
93	d2bcjq2	Alignment	not modelled	36.1	7	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: G proteins
94	d2a5da1	Alignment	not modelled	35.6	10	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: G proteins
95	dlqzxa3	Alignment	not modelled	35.3	9	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nitrogenase iron protein-like
96	clgq1B_	Alignment	not modelled	35.3	19	PDB header: oxidoreductase Chain: B: PDB Molecule: cytochrome cd1 nitrite reductase; PDBTitle: cytochrome cd1 nitrite reductase, y25s mutant, oxidised2 form
97	d2fn4a1	Alignment	not modelled	35.3	24	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: G proteins
98	d2gjsa1	Alignment	not modelled	35.2	24	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: G proteins
99	dlnjfa_	Alignment	not modelled	35.1	10	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Extended AAA-ATPase domain
100	dlfx0b3	Alignment	not modelled	35.1	9	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: RecA protein-like (ATPase-domain)
101	dlg6oa_	Alignment	not modelled	34.9	11	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: RecA protein-like (ATPase-domain)
						PDB header: protein transport

102	c2oiiA_	Alignment	not modelled	34.7	13	Chain: A: PDB Molecule: ras-related protein rab-25; PDBTitle: crystal structure of human rab25 in complex with gdp
103	c1sxiE_	Alignment	not modelled	34.6	11	PDB header: replication Chain: E: PDB Molecule: activator 1 40 kda subunit; PDBTitle: crystal structure of the eukaryotic clamp loader2 (replication factor c, rfc) bound to the dna sliding clamp3 (proliferating cell nuclear antigen, pcna)
104	d1zd9a1	Alignment	not modelled	34.4	14	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: G proteins
105	c1sxiB_	Alignment	not modelled	34.1	7	PDB header: replication Chain: B: PDB Molecule: activator 1 37 kda subunit; PDBTitle: crystal structure of the eukaryotic clamp loader2 (replication factor c, rfc) bound to the dna sliding clamp3 (proliferating cell nuclear antigen, pcna)
106	d3raba_	Alignment	not modelled	33.8	11	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: G proteins
107	c2qenA_	Alignment	not modelled	33.7	19	PDB header: unknown function Chain: A: PDB Molecule: walker-type atpase; PDBTitle: the walker-type atpase paby2304 of pyrococcus abyssi
108	c2og2A_	Alignment	not modelled	33.2	11	PDB header: protein transport Chain: A: PDB Molecule: putative signal recognition particle receptor; PDBTitle: crystal structure of chloroplast ftsy from arabidopsis2 thaliana
109	c2f7sA_	Alignment	not modelled	33.1	14	PDB header: signaling protein Chain: A: PDB Molecule: ras-related protein rab-27b; PDBTitle: the crystal structure of human rab27b bound to gdp
110	d2f7sa1	Alignment	not modelled	33.1	14	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: G proteins
111	d2gf0a1	Alignment	not modelled	33.0	16	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: G proteins
112	c1zbdA_	Alignment	not modelled	32.4	11	PDB header: g protein Chain: A: PDB Molecule: rabphilin-3a; PDBTitle: structural basis of rab effector specificity: crystal2 structure of the small g protein rab3a complexed with the3 effector domain of rabphilin-3a
113	c2j1lA_	Alignment	not modelled	32.4	20	PDB header: hydrolase Chain: A: PDB Molecule: rho-related gtp-binding protein rhod; PDBTitle: crystal structure of human rho-related gtp-binding protein2 rhod
114	c2il1A_	Alignment	not modelled	32.0	21	PDB header: protein transport Chain: A: PDB Molecule: rab12; PDBTitle: crystal structure of a predicted human gtpase in complex with gdp
115	c2e87A_	Alignment	not modelled	31.4	23	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical protein ph1320; PDBTitle: crystal structure of hypothetical gtp-binding protein ph1320 from2 pyrococcus horikoshii ot3, in complex with gdp
116	d1ihua2	Alignment	not modelled	31.4	12	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nitrogenase iron protein-like
117	c3l9oA_	Alignment	not modelled	31.3	21	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent rna helicase dob1; PDBTitle: crystal structure of mtr4, a co-factor of the nuclear exosome
118	d2a5ja1	Alignment	not modelled	31.2	24	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: G proteins
119	d1ye8a1	Alignment	not modelled	31.2	7	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: RecA protein-like (ATPase-domain)
120	d1vg8a_	Alignment	not modelled	31.2	14	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: G proteins