Phyre2

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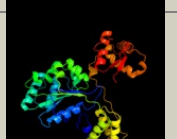
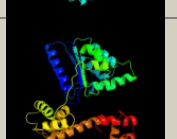
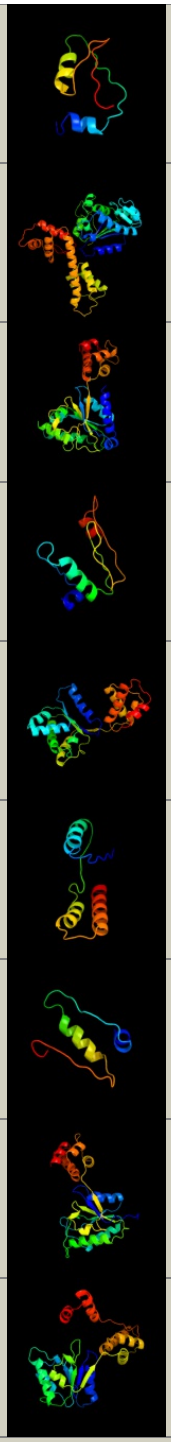
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1w5sa2	Alignment		98.6	15	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**Extended AAA-ATPase domain
2	d1fnna2	Alignment		98.1	18	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**Extended AAA-ATPase domain
3	c1w5sB_	Alignment		97.6	15	**PDB header:**replication **Chain:** B: **PDB Molecule:**origin recognition complex subunit 2 orc2; **PDBTitle:** structure of the aeropyrum pernix orc2 protein (adp form)
4	d2ce7a2	Alignment		97.1	19	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**Extended AAA-ATPase domain
5	c2qbyA_	Alignment		96.9	20	**PDB header:**replication/dna **Chain:** A: **PDB Molecule:**cell division control protein 6 homolog 1; **PDBTitle:** crystal structure of a heterodimer of cdc6/orc1 initiators2 bound to origin dna (from s. solfataricus)
6	c2v1uA_	Alignment		96.7	15	**PDB header:**replication **Chain:** A: **PDB Molecule:**cell division control protein 6 homolog; **PDBTitle:** structure of the aeropyrum pernix orc1 protein in complex2 with dna
7	d2fnaa2	Alignment		96.2	16	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**Extended AAA-ATPase domain
8	c3h4mC_	Alignment		96.0	20	**PDB header:**hydrolase **Chain:** C: **PDB Molecule:**proteasome-activating nucleotidase; **PDBTitle:** aaa atpase domain of the proteasome- activating nucleotidase
9	d1ixza_	Alignment		95.8	18	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**Extended AAA-ATPase domain
10	c1fnnB_	Alignment		95.6	19	**PDB header:**cell cycle **Chain:** B: **PDB Molecule:**cell division control protein 6; **PDBTitle:** crystal structure of cdc6p from pyrobaculum aerophilum
11	c2c9oC_	Alignment		95.5	16	**PDB header:**hydrolase **Chain:** C: **PDB Molecule:**ruvb-like 1; **PDBTitle:** 3d structure of the human ruvb-like helicase ruvbl1

12	c2x77B_	Alignment		95.0	15	**PDB header:**gtp-binding protein **Chain:** B: **PDB Molecule:**adp-ribosylation factor; **PDBTitle:** crystal structure of leishmania major adp ribosylation2 factor-like 1.
13	c2fnaA_	Alignment		94.9	18	**PDB header:**atp-binding protein **Chain:** A: **PDB Molecule:**conserved hypothetical protein; **PDBTitle:** crystal structure of an archaeal aaa+ atpase (sso1545) from sulfolobus2 solfataricus p2 at 2.00 a resolution
14	c1iy2A_	Alignment		94.9	24	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**atp-dependent metalloprotease ftsh; **PDBTitle:** crystal structure of the ftsh atpase domain from thermus2 thermophilus
15	d1g6oa_	Alignment		94.8	16	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**RecA protein-like (ATPase-domain)
16	c2z4rB_	Alignment		94.6	15	**PDB header:**dna binding protein **Chain:** B: **PDB Molecule:**chromosomal replication initiator protein dnaa; **PDBTitle:** crystal structure of domain iii from the thermotoga2 maritima replication initiation protein dnaa
17	c2ccjA_	Alignment		94.3	15	**PDB header:**transferase **Chain:** A: **PDB Molecule:**thymidylate kinase; **PDBTitle:** crystal structure of s. aureus thymidylate kinase complexed2 with thymidine monophosphate
18	c2oaq1_	Alignment		94.0	22	**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
19	d1lv7a_	Alignment		93.9	20	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**Extended AAA-ATPase domain
20	c1in8A_	Alignment		93.9	12	**PDB header:**dna binding protein **Chain:** A: **PDB Molecule:**holliday junction dna helicase ruvb; **PDBTitle:** thermotoga maritima ruvb t158v
21	c2gzaB_	Alignment	not modelled	93.8	22	**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
22	d1svsa1	Alignment	not modelled	93.7	20	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
23	d1xjca_	Alignment	not modelled	93.7	18	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**Nitrogenase iron protein-like
24	c3oesA_	Alignment	not modelled	93.6	30	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**gtpase rhebl1; **PDBTitle:** crystal structure of the small gtpase rhebl1
25	d2atxa1	Alignment	not modelled	93.5	21	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
26	d1cr2a_	Alignment	not modelled	93.5	14	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**RecA protein-like (ATPase-domain)
27	c2npiB_	Alignment	not modelled	93.4	26	**PDB header:**transcription **Chain:** B: **PDB Molecule:**protein clp1; **PDBTitle:** clp1-atp-pcf11 complex
28	d2a5ja1	Alignment	not modelled	93.4	35	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
						Fold:P-loop containing nucleoside triphosphate hydrolases

29	d2ocpa1	Alignment	not modelled	93.3	14	**Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**Nucleotide and nucleoside kinases
30	c3pfiB_	Alignment	not modelled	93.1	18	**PDB header:**hydrolase **Chain:** B: **PDB Molecule:**holliday junction atp-dependent dna helicase ruvb; **PDBTitle:** 2.7 angstrom resolution crystal structure of a probable holliday2 junction dna helicase (ruvb) from campylobacter jejuni subsp. jejuni3 nctc 11168 in complex with adenosine-5'-diphosphate
31	d1ky3a_	Alignment	not modelled	93.1	26	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
32	c2hupB_	Alignment	not modelled	93.1	17	**PDB header:**signaling protein **Chain:** B: **PDB Molecule:**ras-related protein rab-43; **PDBTitle:** crystal structure of human rab43 in complex with gdp
33	c2qagB_	Alignment	not modelled	93.0	18	**PDB header:**cell cycle, structural protein **Chain:** B: **PDB Molecule:**septin-6; **PDBTitle:** crystal structure of human septin trimer 2/6/7
34	d1z0aa1	Alignment	not modelled	92.9	35	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
35	d1r0wa_	Alignment	not modelled	92.9	28	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**ABC transporter ATPase domain-like
36	c2q3fB_	Alignment	not modelled	92.9	21	**PDB header:**protein binding **Chain:** B: **PDB Molecule:**ras-related gtp-binding protein d; **PDBTitle:** x-ray crystal structure of putative human ras-related gtp2 binding d in complex with gmppnp
37	c2ghiD_	Alignment	not modelled	92.8	23	**PDB header:**transport protein **Chain:** D: **PDB Molecule:**transport protein; **PDBTitle:** crystal structure of plasmodium yoelii multidrug resistance2 protein 2
38	d1z0fa1	Alignment	not modelled	92.8	39	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
39	d1z2aa1	Alignment	not modelled	92.8	26	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
40	d1khta_	Alignment	not modelled	92.8	11	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**Nucleotide and nucleoside kinases
41	c2nzjB_	Alignment	not modelled	92.7	32	**PDB header:**signaling protein **Chain:** B: **PDB Molecule:**gtp-binding protein rem 1; **PDBTitle:** the crystal structure of rem1 in complex with gdp
42	d1z2ca1	Alignment	not modelled	92.7	21	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
43	d1g16a_	Alignment	not modelled	92.7	30	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
44	d1kmqa_	Alignment	not modelled	92.7	19	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
45	c2olkD_	Alignment	not modelled	92.7	30	**PDB header:**hydrolase **Chain:** D: **PDB Molecule:**amino acid abc transporter; **PDBTitle:** abc protein artp in complex with adp-beta-s
46	d2bmea1	Alignment	not modelled	92.6	43	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
47	c2cbzA_	Alignment	not modelled	92.6	42	**PDB header:**transport **Chain:** A: **PDB Molecule:**multidrug resistance-associated protein 1; **PDBTitle:** structure of the human multidrug resistance protein 12 nucleotide binding domain 1
48	c1zbdA_	Alignment	not modelled	92.6	13	**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
49	d2bcgy1	Alignment	not modelled	92.6	21	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
50	d2d7ca1	Alignment	not modelled	92.5	26	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
51	d2c2ha1	Alignment	not modelled	92.5	30	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
52	c2ew1A_	Alignment	not modelled	92.5	22	**PDB header:**signaling protein **Chain:** A: **PDB Molecule:**ras-related protein rab-30; **PDBTitle:** crystal structure of rab30 in complex with a gtp analogue
53	d2ew1a1	Alignment	not modelled	92.5	22	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins

54	c3nhaA_	Alignment	not modelled	92.5	29	**PDB header:**transport protein **Chain:** A: **PDB Molecule:**atp-binding cassette sub-family b member 6, mitochondrial; **PDBTitle:** nucleotide binding domain of human abcb6 (adp mg bound structure)
55	c2p5sB_	Alignment	not modelled	92.5	22	**PDB header:**signaling protein **Chain:** B: **PDB Molecule:**ras and ef-hand domain containing; **PDBTitle:** rab domain of human rasef in complex with gdp
56	c3t1tC_	Alignment	not modelled	92.4	14	**PDB header:**hydrolase **Chain:** C: **PDB Molecule:**gliding protein mgla; **PDBTitle:** mgla bound to gdp in p1 tetrameric arrangement
57	d1ji0a_	Alignment	not modelled	92.4	17	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**ABC transporter ATPase domain-like
58	c3gfoA_	Alignment	not modelled	92.4	29	**PDB header:**atp binding protein **Chain:** A: **PDB Molecule:**cobalt import atp-binding protein cbio 1; **PDBTitle:** structure of cbio1 from clostridium perfringens: part of2 the abc transporter complex cbionq.
59	c3cphA_	Alignment	not modelled	92.4	30	**PDB header:**protein transport **Chain:** A: **PDB Molecule:**ras-related protein sec4; **PDBTitle:** crystal structure of sec4 in complex with rab-gdi
60	c2qu8A_	Alignment	not modelled	92.3	29	**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
61	c2f9lA_	Alignment	not modelled	92.3	26	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**rab11b, member ras oncogene family; **PDBTitle:** 3d structure of inactive human rab11b gtpase
62	c3lxwA_	Alignment	not modelled	92.3	45	**PDB header:**immune system **Chain:** A: **PDB Molecule:**gtpase imap family member 1; **PDBTitle:** crystal structure of human gtpase imap family member 1
63	c3g5uB_	Alignment	not modelled	92.2	29	**PDB header:**membrane protein **Chain:** B: **PDB Molecule:**multidrug resistance protein 1a; **PDBTitle:** structure of p-glycoprotein reveals a molecular basis for2 poly-specific drug binding
64	d1sgwa_	Alignment	not modelled	92.2	29	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**ABC transporter ATPase domain-like
65	d1wmsa_	Alignment	not modelled	92.2	30	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
66	c2qa5A_	Alignment	not modelled	92.2	33	**PDB header:**cell cycle, structural protein **Chain:** A: **PDB Molecule:**septin-2; **PDBTitle:** crystal structure of sept2 g-domain
67	d3raba_	Alignment	not modelled	92.2	13	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
68	d1yzqa1	Alignment	not modelled	92.1	17	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
69	d2fg5a1	Alignment	not modelled	92.1	22	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
70	c2fg5A_	Alignment	not modelled	92.1	22	**PDB header:**signaling protein **Chain:** A: **PDB Molecule:**ras-related protein rab-31; **PDBTitle:** crystal structure of human rab31 in complex with a gtp2 analogue
71	c3bbpA_	Alignment	not modelled	92.1	17	**PDB header:**protein transport/splicing **Chain:** A: **PDB Molecule:**ras-related protein rab-6a; **PDBTitle:** rab6-gtp:gcc185 rab binding domain complex
72	d2ngra_	Alignment	not modelled	92.1	20	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
73	d1x3sa1	Alignment	not modelled	92.1	26	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
74	c2g3yA_	Alignment	not modelled	92.0	30	**PDB header:**signaling protein **Chain:** A: **PDB Molecule:**gtp-binding protein gem; **PDBTitle:** crystal structure of the human small gtpase gem
75	d2g3ya1	Alignment	not modelled	92.0	30	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
76	c3t5dC_	Alignment	not modelled	92.0	53	**PDB header:**signaling protein **Chain:** C: **PDB Molecule:**septin-7; **PDBTitle:** crystal structure of septin 7 in complex with gdp
77	c2hxsA_	Alignment	not modelled	92.0	22	**PDB header:**signaling protein **Chain:** A: **PDB Molecule:**ras-related protein rab-28; **PDBTitle:** crystal structure of rab28a gtpase in the inactive (gdp-3'p-2 bound) form
78	c2efhD_	Alignment	not modelled	92.0	32	**PDB header:**transport protein **Chain:** D: **PDB Molecule:**small gtp-binding protein-like; **PDBTitle:** ara7-gdp/atvps9a(d185n)
79	c2yz2B_	Alignment	not modelled	92.0	33	**PDB header:**hydrolase **Chain:** B: **PDB Molecule:**putative abc transporter atp-binding protein tm_0222; **PDBTitle:** crystal structure of the abc transporter in the cobalt transport2 system

80	c2fv8A_	Alignment	not modelled	92.0	30	**PDB header:**signaling protein **Chain:** A: **PDB Molecule:**rho-related gtp-binding protein rhob; **PDBTitle:** the crystal structure of rhob in the gdp-bound state
81	d1zj6a1	Alignment	not modelled	91.9	18	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
82	d1tada2	Alignment	not modelled	91.9	22	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
83	d1ds6a_	Alignment	not modelled	91.9	25	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
84	d1z07a1	Alignment	not modelled	91.9	18	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
85	c2bovA_	Alignment	not modelled	91.9	36	**PDB header:**transferase **Chain:** A: **PDB Molecule:**ras-related protein ral-a; **PDBTitle:** molecular recognition of an adp-ribosylating clostridium2 botulinum c3 exoenzyme by rala gtpase
86	d2erya1	Alignment	not modelled	91.9	52	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
87	c3eplA_	Alignment	not modelled	91.9	35	**PDB header:**transferase/rna **Chain:** A: **PDB Molecule:**trna isopentenyltransferase; **PDBTitle:** crystallographic snapshots of eukaryotic2 dimethylallyltransferase acting on trna: insight into trna3 recognition and reaction mechanism
88	d1in4a2	Alignment	not modelled	91.9	18	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**Extended AAA-ATPase domain
89	d1xtqa1	Alignment	not modelled	91.8	39	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
90	d2qtvb1	Alignment	not modelled	91.8	22	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
91	d2a5da1	Alignment	not modelled	91.8	22	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
92	d1l7vc_	Alignment	not modelled	91.8	22	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**ABC transporter ATPase domain-like
93	c3bwdD_	Alignment	not modelled	91.8	32	**PDB header:**plant protein **Chain:** D: **PDB Molecule:**rac-like gtp-binding protein arac6; **PDBTitle:** crystal structure of the plant rho protein rop5
94	c2pzfB_	Alignment	not modelled	91.8	24	**PDB header:**hydrolase **Chain:** B: **PDB Molecule:**cystic fibrosis transmembrane conductance regulator; **PDBTitle:** minimal human cftr first nucleotide binding domain as a head-to-tail2 dimer with delta f508
95	c2j3eA_	Alignment	not modelled	91.8	41	**PDB header:**protein transport **Chain:** A: **PDB Molecule:**t7i23.11 protein; **PDBTitle:** dimerization is important for the gtpase activity of2 chloroplast translocon components attoc33 and pstoc159
96	c2o52B_	Alignment	not modelled	91.8	47	**PDB header:**protein transport **Chain:** B: **PDB Molecule:**ras-related protein rab-4b; **PDBTitle:** crystal structure of human rab4b in complex with gdp
97	d1x1ra1	Alignment	not modelled	91.7	48	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
98	c2ze5A_	Alignment	not modelled	91.7	22	**PDB header:**transferase **Chain:** A: **PDB Molecule:**isopentenyl transferase; **PDBTitle:** crystal structure of adenosine phosphate-isopentenyltransferase
99	c3ch4B_	Alignment	not modelled	91.7	21	**PDB header:**transferase **Chain:** B: **PDB Molecule:**phosphomevalonate kinase; **PDBTitle:** the crystal structure of human phosphomavelonate kinase at2 1.8 a resolution
100	c3doeA_	Alignment	not modelled	91.7	18	**PDB header:**signaling protein/hydrolase **Chain:** A: **PDB Molecule:**adp-ribosylation factor-like protein 2; **PDBTitle:** complex of arl2 and bart, crystal form 1
101	d1yzga1	Alignment	not modelled	91.7	21	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
102	c2f7sA_	Alignment	not modelled	91.7	19	**PDB header:**signaling protein **Chain:** A: **PDB Molecule:**ras-related protein rab-27b; **PDBTitle:** the crystal structure of human rab27b bound to gdp
103	d2f7sa1	Alignment	not modelled	91.7	19	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
104	c1z06A_	Alignment	not modelled	91.7	26	**PDB header:**protein transport **Chain:** A: **PDB Molecule:**ras-related protein rab-33b; **PDBTitle:** gppnhp-bound rab33 gtpase
105	d1z06a1	Alignment	not modelled	91.7	26	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases

						Family:G proteins
106	d1r2qa_	Alignment	not modelled	91.7	22	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
107	c2xtnA_	Alignment	not modelled	91.6	53	**PDB header:**immune system **Chain:** A: **PDB Molecule:**gtpase imap family member 2; **PDBTitle:** crystal structure of gtp-bound human gimap2, amino acid2 residues 1-234
108	d2fv8a1	Alignment	not modelled	91.6	30	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
109	d1yzna1	Alignment	not modelled	91.6	26	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
110	c1gwnA_	Alignment	not modelled	91.6	30	**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
111	d1m7ba_	Alignment	not modelled	91.6	30	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
112	c2ihyB_	Alignment	not modelled	91.6	40	**PDB header:**hydrolase **Chain:** B: **PDB Molecule:**abc transporter, atp-binding protein; **PDBTitle:** structure of the staphylococcus aureus putative atpase subunit of an2 atp-binding cassette (abc) transporter
113	d1moza_	Alignment	not modelled	91.6	29	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
114	c2xtpA_	Alignment	not modelled	91.6	53	**PDB header:**immune system **Chain:** A: **PDB Molecule:**gtpase imap family member 2; **PDBTitle:** crystal structure of nucleotide-free human gimap2, amino2 acid residues 1-260
115	d1np6a_	Alignment	not modelled	91.5	21	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**Nitrogenase iron protein-like
116	c3clvA_	Alignment	not modelled	91.5	26	**PDB header:**signaling protein **Chain:** A: **PDB Molecule:**rab5 protein, putative; **PDBTitle:** crystal structure of rab5a from plasmodium falciparum,2 pfb0500c
117	c2q6tB_	Alignment	not modelled	91.5	12	**PDB header:**hydrolase **Chain:** B: **PDB Molecule:**dnab replication fork helicase; **PDBTitle:** crystal structure of the thermus aquaticus dnab monomer
118	d2fn4a1	Alignment	not modelled	91.5	48	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
119	d1sxjd2	Alignment	not modelled	91.5	18	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**Extended AAA-ATPase domain
120	c3regA_	Alignment	not modelled	91.4	26	**PDB header:**signaling protein **Chain:** A: **PDB Molecule:**rho-like small gtpase; **PDBTitle:** crystal structure of ehrho1 bound to a gtp analog and magnesium