Phyre2

Email	l.a.kelley@imperial.ac.uk
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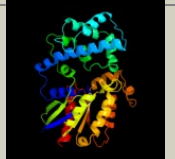
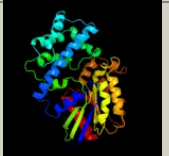
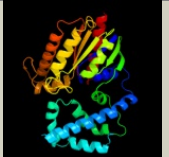
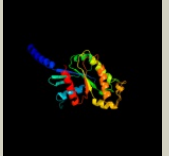
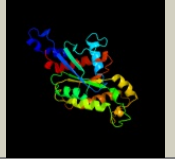
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3ohmA_	Alignment		100.0	100	**PDB header:**signaling protein / hydrolase **Chain:** A: **PDB Molecule:**guanine nucleotide-binding protein g(q) subunit alpha; **PDBTitle:** crystal structure of activated g alpha q bound to its effector2 phospholipase c beta 3
2	c2bcjQ_	Alignment		100.0	100	**PDB header:**transferase/hydrolase **Chain:** Q: **PDB Molecule:**g alpha i1, guanine nucleotide-binding protein g(q), alpha **PDBTitle:** crystal structure of g protein-coupled receptor kinase 2 in complex2 with galpha-q and gbetagamma subunits
3	c1tndA_	Alignment		100.0	52	**PDB header:**binding protein(gtp) **Chain:** A: **PDB Molecule:**transducin; **PDBTitle:** the 2.2 angstroms crystal structure of transducin-alpha complexed with2 gtp gamma s
4	c1cipA_	Alignment		100.0	53	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**protein (guanine nucleotide-binding protein **PDBTitle:** gi-alpha-1 subunit of guanine nucleotide-binding protein2 complexed with a gtp analogue
5	c3cx6A_	Alignment		100.0	47	**PDB header:**signaling protein **Chain:** A: **PDB Molecule:**guanine nucleotide-binding protein alpha-13 **PDBTitle:** crystal structure of pdzrhogef rgrgs domain in a complex2 with galpha-13 bound to gdp
6	c1zcbA_	Alignment		100.0	48	**PDB header:**signaling protein **Chain:** A: **PDB Molecule:**g alpha i/13; **PDBTitle:** crystal structure of g alpha 13 in complex with gdp
7	c2g83B_	Alignment		100.0	55	**PDB header:**signaling protein **Chain:** B: **PDB Molecule:**guanine nucleotide-binding protein g(i), alpha-1 **PDBTitle:** structure of activated g-alpha-i1 bound to a nucleotide-2 state-selective peptide: minimal determinants for3 recognizing the active form of a g protein alpha subunit
8	c1tl7C_	Alignment		100.0	43	**PDB header:**lyase **Chain:** C: **PDB Molecule:**guanine nucleotide-binding protein g(s), alpha **PDBTitle:** complex of gs- with the catalytic domains of mammalian2 adenylyl cyclase: complex with 2'(3')-o-(n-3 methylanthraniloyl)-guanosine 5'-triphosphate and mn
9	c2xtzB_	Alignment		100.0	40	**PDB header:**hydrolase **Chain:** B: **PDB Molecule:**guanine nucleotide-binding protein alpha-1 subunit; **PDBTitle:** crystal structure of the g alpha protein atgpa1 from2 arabidopsis thaliana
10	d1gota2	Alignment		100.0	56	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
11	d1bofa2	Alignment		100.0	59	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins

12	d1azta2	Alignment		100.0	50	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
13	d1tada2	Alignment		100.0	59	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
14	d1zcaa2	Alignment		100.0	54	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
15	d2bcjq2	Alignment		100.0	100	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
16	d1svsa1	Alignment		100.0	59	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
17	d1zcba2	Alignment		100.0	55	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
18	d1shza2	Alignment		100.0	60	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
19	d1fqja2	Alignment		100.0	60	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
20	d1tada1	Alignment		100.0	42	**Fold:**Transducin (alpha subunit), insertion domain **Superfamily:**Transducin (alpha subunit), insertion domain **Family:**Transducin (alpha subunit), insertion domain
21	d2bcjq1	Alignment	not modelled	100.0	99	**Fold:**Transducin (alpha subunit), insertion domain **Superfamily:**Transducin (alpha subunit), insertion domain **Family:**Transducin (alpha subunit), insertion domain
22	d1cipa1	Alignment	not modelled	100.0	44	**Fold:**Transducin (alpha subunit), insertion domain **Superfamily:**Transducin (alpha subunit), insertion domain **Family:**Transducin (alpha subunit), insertion domain
23	d1zcaa1	Alignment	not modelled	99.9	32	**Fold:**Transducin (alpha subunit), insertion domain **Superfamily:**Transducin (alpha subunit), insertion domain **Family:**Transducin (alpha subunit), insertion domain
24	d1zcba1	Alignment	not modelled	99.9	36	**Fold:**Transducin (alpha subunit), insertion domain **Superfamily:**Transducin (alpha subunit), insertion domain **Family:**Transducin (alpha subunit), insertion domain
25	d1azta1	Alignment	not modelled	99.9	29	**Fold:**Transducin (alpha subunit), insertion domain **Superfamily:**Transducin (alpha subunit), insertion domain **Family:**Transducin (alpha subunit), insertion domain
26	c3lvrE_	Alignment	not modelled	99.8	27	**PDB header:**protein transport **Chain:** E: **PDB Molecule:**arf-gap with sh3 domain, ank repeat and ph domain- **PDBTitle:** the crystal structure of asap3 in complex with arf6 in transition2 state soaked with calcium
27	c3o47A_	Alignment	not modelled	99.6	26	**PDB header:**hydrolase, hydrolase activator **Chain:** A: **PDB Molecule:**adp-ribosylation factor gtpase-activating protein 1, adp- **PDBTitle:** crystal structure of arfgap1-arf1 fusion protein
28	c3l82B_	Alignment	not modelled	99.3	11	**PDB header:**cell cycle **Chain:** B: **PDB Molecule:**f-box only protein 4; **PDBTitle:** x-ray crystal structure of trf1 and fbx4 complex
						PDB header:transferase, cell adhesion

29	c2wkqA_	Alignment	not modelled	99.3	19	**Chain:** A: **PDB Molecule:**nph1-1, ras-related c3 botulinum toxin substrate **PDBTitle:** structure of a photoactivatable rac1 containing the lov22 c450a mutant
30	c3l2oB_	Alignment	not modelled	99.2	10	**PDB header:**protein binding/cell cycle **Chain:** B: **PDB Molecule:**f-box only protein 4; **PDBTitle:** structure-based mechanism of dimerization-dependent ubiquitination by2 the scffbx4 ubiquitin ligase
31	c2gedB_	Alignment	not modelled	99.1	28	**PDB header:**protein transport, signaling protein **Chain:** B: **PDB Molecule:**signal recognition particle receptor beta **PDBTitle:** signal recognition particle receptor beta-subunit in2 nucleotide-free dimerized form
32	d2al7a1	Alignment	not modelled	99.1	32	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
33	c2zejA_	Alignment	not modelled	99.1	25	**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
34	c2qthA_	Alignment	not modelled	99.0	17	**PDB header:**nucleotide binding protein **Chain:** A: **PDB Molecule:**gtp-binding protein; **PDBTitle:** crystal structure of a gtp-binding protein from the2 hyperthermophilic archaeon sulfolobus solfataricus in3 complex with gdp
35	c1gwnA_	Alignment	not modelled	98.9	15	**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
36	d1m7ba_	Alignment	not modelled	98.9	15	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
37	d1zj6a1	Alignment	not modelled	98.8	24	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
38	c2bvnB_	Alignment	not modelled	98.8	20	**PDB header:**elongation factor **Chain:** B: **PDB Molecule:**elongation factor tu; **PDBTitle:** e. coli ef-tu:gdpnp in complex with the antibiotic2 enacyloxin iia
39	c2rexD_	Alignment	not modelled	98.8	21	**PDB header:**signaling protein/lipoprotein **Chain:** D: **PDB Molecule:**rho-related gtp-binding protein rho6; **PDBTitle:** crystal structure of the effector domain of plxnb1 bound with rnd12 gtpase
40	c2e87A_	Alignment	not modelled	98.8	20	**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
41	c2ywfA_	Alignment	not modelled	98.8	20	**PDB header:**translation **Chain:** A: **PDB Molecule:**gtp-binding protein lepa; **PDBTitle:** crystal structure of gmppnp-bound lepa from aquifex aeolicus
42	c3r7wC_	Alignment	not modelled	98.7	14	**PDB header:**protein transport **Chain:** C: **PDB Molecule:**gtp-binding protein gtr1; **PDBTitle:** crystal structure of gtr1p-gtr2p complex
43	d1kmqa_	Alignment	not modelled	98.7	22	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
44	c3t1tC_	Alignment	not modelled	98.7	18	**PDB header:**hydrolase **Chain:** C: **PDB Molecule:**gliding protein mgla; **PDBTitle:** mgla bound to gdp in p1 tetrameric arrangement
45	c3dpuA_	Alignment	not modelled	98.7	27	**PDB header:**signaling protein **Chain:** A: **PDB Molecule:**rab family protein; **PDBTitle:** roccor domain tandem of rab family protein (roco)
46	c1wb1C_	Alignment	not modelled	98.7	23	**PDB header:**protein synthesis **Chain:** C: **PDB Molecule:**translation elongation factor selb; **PDBTitle:** crystal structure of translation elongation factor selb2 from methanococcus maripaludis in complex with gdp
47	c1zunB_	Alignment	not modelled	98.7	23	**PDB header:**transferase **Chain:** B: **PDB Molecule:**sulfate adenylate transferase, subunit **PDBTitle:** crystal structure of a gtp-regulated atp sulfurylase2 heterodimer from pseudomonas syringae
48	c1skqB_	Alignment	not modelled	98.7	21	**PDB header:**translation **Chain:** B: **PDB Molecule:**elongation factor 1-alpha; **PDBTitle:** the crystal structure of sulfolobus solfataricus elongation2 factor 1-alpha in complex with magnesium and gdp
49	d1ksha_	Alignment	not modelled	98.6	30	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
50	d1yzga1	Alignment	not modelled	98.6	26	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
51	d1moza_	Alignment	not modelled	98.6	29	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
52	c3degC_	Alignment	not modelled	98.6	24	**PDB header:**ribosome **Chain:** C: **PDB Molecule:**gtp-binding protein lepa; **PDBTitle:** complex of elongating escherichia coli 70s ribosome and ef4(lepa)-2 gmppnp
53	c3c5cC_	Alignment	not modelled	98.6	17	**PDB header:**signaling protein **Chain:** C: **PDB Molecule:**ras-like protein 12; **PDBTitle:** crystal structure of human ras-like, family 12 protein in2 complex with gdp
54	c2h18A_	Alignment	not modelled	98.6	31	**PDB header:**transport protein **Chain:** A: **PDB Molecule:**adp-ribosylation factor-like protein 8a;

54	c2h18A_	Alignment	not modelled	98.6	31	**PDBTitle:** structure of human adp-ribosylation factor-like 10b (arl10b)
55	d1ds6a_	Alignment	not modelled	98.6	23	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
56	c3c5hA_	Alignment	not modelled	98.6	15	**PDB header:**signaling protein **Chain:** A: **PDB Molecule:**glucocorticoid receptor dna-binding factor 1; **PDBTitle:** crystal structure of the ras homolog domain of human grlf12 (p190rhogap)
57	c2h5eB_	Alignment	not modelled	98.6	19	**PDB header:**translation **Chain:** B: **PDB Molecule:**peptide chain release factor rf-3; **PDBTitle:** crystal structure of e.coli polypeptide release factor rf3
58	c3oesA_	Alignment	not modelled	98.5	22	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**gtpase rhebl1; **PDBTitle:** crystal structure of the small gtpase rhebl1
59	d1mr3f_	Alignment	not modelled	98.5	29	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
60	d1r8sa_	Alignment	not modelled	98.5	28	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
61	c3bwdD_	Alignment	not modelled	98.5	20	**PDB header:**plant protein **Chain:** D: **PDB Molecule:**rac-like gtp-binding protein arac6; **PDBTitle:** crystal structure of the plant rho protein rop5
62	d2atxa1	Alignment	not modelled	98.5	22	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
63	d1z6xa1	Alignment	not modelled	98.5	28	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
64	d1fzqa_	Alignment	not modelled	98.5	30	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
65	d1x1ra1	Alignment	not modelled	98.4	27	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
66	d1vg8a_	Alignment	not modelled	98.4	20	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
67	d1f60a3	Alignment	not modelled	98.4	17	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
68	c1mj1A_	Alignment	not modelled	98.4	18	**PDB header:**ribosome **Chain:** A: **PDB Molecule:**elongation factor tu; **PDBTitle:** fitting the ternary complex of ef-tu/trna/gtp and ribosomal proteins2 into a 13 a cryo-em map of the coli 70s ribosome
69	d1upta_	Alignment	not modelled	98.4	27	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
70	c3doeA_	Alignment	not modelled	98.4	28	**PDB header:**signaling protein/hydrolase **Chain:** A: **PDB Molecule:**adp-ribosylation factor-like protein 2; **PDBTitle:** complex of arl2 and bart, crystal form 1
71	d2b6ha1	Alignment	not modelled	98.4	26	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
72	c2xtpA_	Alignment	not modelled	98.4	16	**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
73	c1d2eA_	Alignment	not modelled	98.4	15	**PDB header:**rna binding protein **Chain:** A: **PDB Molecule:**elongation factor tu (ef-tu); **PDBTitle:** crystal structure of mitochondrial ef-tu in complex with gdp
74	d1r8qa_	Alignment	not modelled	98.4	31	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
75	d1ky3a_	Alignment	not modelled	98.4	22	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
76	d2ngra_	Alignment	not modelled	98.4	20	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
77	c2x77B_	Alignment	not modelled	98.3	23	**PDB header:**gtp-binding protein **Chain:** B: **PDB Molecule:**adp-ribosylation factor; **PDBTitle:** crystal structure of leishmania major adp ribosylation2 factor-like 1.
78	d1wb1a4	Alignment	not modelled	98.3	21	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
79	d2fh5b1	Alignment	not modelled	98.3	18	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
						PDB header:hydrolase

80	c3gehA_	Alignment	not modelled	98.3	19	**Chain:** A: **PDB Molecule:**trna modification gtpase mnme; **PDBTitle:** crystal structure of mnme from nostoc in complex with gdp, folinic2 acid and zn
81	d2a5da1	Alignment	not modelled	98.3	28	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
82	d1zd9a1	Alignment	not modelled	98.3	34	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
83	c1mkyA_	Alignment	not modelled	98.3	11	**PDB header:**ligand binding protein **Chain:** A: **PDB Molecule:**probable gtp-binding protein enga; **PDBTitle:** structural analysis of the domain interactions in der, a2 switch protein containing two gtpase domains
84	c2hjgA_	Alignment	not modelled	98.3	25	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**gtp-binding protein enga; **PDBTitle:** the crystal structure of the b. subtilis yphc gtpase in2 complex with gdp
85	c1xzqA_	Alignment	not modelled	98.3	23	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**probable trna modification gtpase trme; **PDBTitle:** structure of the gtp-binding protein trme from thermotoga2 maritima complexed with 5-formyl-thf
86	c3conA_	Alignment	not modelled	98.3	27	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**gtpase nras; **PDBTitle:** crystal structure of the human nras gtpase bound with gdp
87	d2bcgy1	Alignment	not modelled	98.3	26	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
88	c2yc2D_	Alignment	not modelled	98.3	18	**PDB header:**transport protein **Chain:** D: **PDB Molecule:**small rab-related gtpase; **PDBTitle:** intraflagellar transport complex 25-27 from chlamydomonas
89	c3p27A_	Alignment	not modelled	98.3	22	**PDB header:**signaling protein **Chain:** A: **PDB Molecule:**elongation factor 1 alpha-like protein; **PDBTitle:** crystal structure of s. cerevisiae hbs1 protein (gdp-bound form), a2 translational gtpase involved in rna quality control pathways and3 interacting with dom34/pelota
90	c3cpjB_	Alignment	not modelled	98.2	21	**PDB header:**protein transport **Chain:** B: **PDB Molecule:**gtp-binding protein ypt31/ypt8; **PDBTitle:** crystal structure of ypt31 in complex with yeast rab-gdi
91	d2qtvb1	Alignment	not modelled	98.2	27	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
92	d1xtqa1	Alignment	not modelled	98.2	19	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
93	d1x3sa1	Alignment	not modelled	98.2	21	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
94	c2g3yA_	Alignment	not modelled	98.2	18	**PDB header:**signaling protein **Chain:** A: **PDB Molecule:**gtp-binding protein gem; **PDBTitle:** crystal structure of the human small gtpase gem
95	d2g3ya1	Alignment	not modelled	98.2	18	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
96	d1kaoa_	Alignment	not modelled	98.2	27	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
97	d1zunb3	Alignment	not modelled	98.2	17	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
98	c2bovA_	Alignment	not modelled	98.2	22	**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
99	c3cbqA_	Alignment	not modelled	98.2	21	**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
100	c3izyP_	Alignment	not modelled	98.2	22	**PDB header:**rna, ribosomal protein **Chain:** P: **PDB Molecule:**translation initiation factor if-2, mitochondrial; **PDBTitle:** mammalian mitochondrial translation initiation factor 2
101	c2h57A_	Alignment	not modelled	98.2	31	**PDB header:**transport protein **Chain:** A: **PDB Molecule:**adp-ribosylation factor-like protein 6; **PDBTitle:** crystal structure of human adp-ribosylation factor-like 6
102	d1h65a_	Alignment	not modelled	98.2	17	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
103	c1zo1l_	Alignment	not modelled	98.2	21	**PDB header:**translation/rna **Chain:** l: **PDB Molecule:**translation initiation factor 2; **PDBTitle:** if2, if1, and trna fitted to cryo-em data of e. coli 70s2 initiation complex
104	c2plfA_	Alignment	not modelled	98.1	17	**PDB header:**translation **Chain:** A: **PDB Molecule:**translation initiation factor 2 gamma subunit; **PDBTitle:** the structure of aif2gamma subunit from the archaeon2 sulfolobus solfataricus in the nucleotide-free form.
105	c3lxxA_	Alignment	not modelled	98.1	22	**PDB header:**immune system **Chain:** A: **PDB Molecule:**gtpase imap family member 4;

						PDBTitle: crystal structure of human gtpase imap family member 4
106	c2lkcA_	Alignment	not modelled	98.1	21	**PDB header:**translation **Chain:** A: **PDB Molecule:**translation initiation factor if-2; **PDBTitle:** free b.st if2-g2
107	c2elfA_	Alignment	not modelled	98.1	23	**PDB header:**translation **Chain:** A: **PDB Molecule:**protein translation elongation factor 1a; **PDBTitle:** crystal structure of the selb-like elongation factor ef-pyl2 from methanosarcina mazei
108	c2xtnA_	Alignment	not modelled	98.1	16	**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
109	d1mh1a_	Alignment	not modelled	98.1	23	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
110	c1g7cA_	Alignment	not modelled	98.1	20	**PDB header:**translation **Chain:** A: **PDB Molecule:**elongation factor 1-alpha; **PDBTitle:** yeast eef1a:eef1ba in complex with gdpnp
111	d2gjsa1	Alignment	not modelled	98.1	23	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
112	d2c78a3	Alignment	not modelled	98.1	16	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
113	d1nrjb_	Alignment	not modelled	98.1	20	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
114	c1kk3A_	Alignment	not modelled	98.1	17	**PDB header:**translation **Chain:** A: **PDB Molecule:**eif2gamma; **PDBTitle:** structure of the wild-type large gamma subunit of2 initiation factor eif2 from pyrococcus abyssi complexed3 with gdp-mg2+
115	c2j3eA_	Alignment	not modelled	98.1	19	**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
116	c2q3fB_	Alignment	not modelled	98.1	18	**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
117	c3p1jC_	Alignment	not modelled	98.1	20	**PDB header:**hydrolase **Chain:** C: **PDB Molecule:**gtpase imap family member 2; **PDBTitle:** crystal structure of human gtpase imap family member 2 in the2 nucleotide-free state
118	c2ew1A_	Alignment	not modelled	98.1	19	**PDB header:**signaling protein **Chain:** A: **PDB Molecule:**ras-related protein rab-30; **PDBTitle:** crystal structure of rab30 in complex with a gtp analogue
119	d2ew1a1	Alignment	not modelled	98.1	19	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
120	d1z0ja1	Alignment	not modelled	98.1	22	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins