Phyre2

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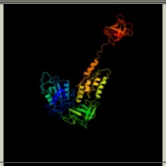
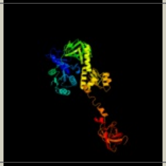
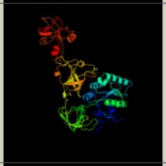
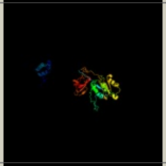
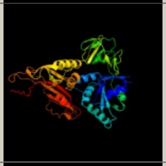
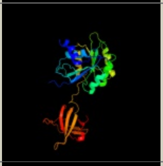
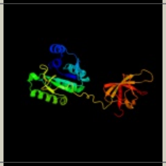
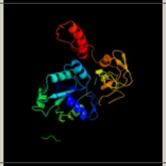
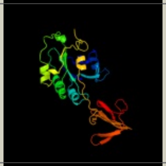
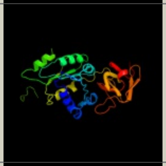
Description	P0A705
Date	Thu Jan 5 11:04:22 GMT 2012
Unique Job ID	8dc23a19c0d68acb

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1zo1I_	Alignment		100.0	100	**PDB header:**translation/rna **Chain:** I: **PDB Molecule:**translation initiation factor 2; **PDBTitle:** if2, if1, and trna fitted to cryo-em data of e. coli 70s2 initiation complex
2	c3izyP_	Alignment		100.0	45	**PDB header:**rna, ribosomal protein **Chain:** P: **PDB Molecule:**translation initiation factor if-2, mitochondrial; **PDBTitle:** mammalian mitochondrial translation initiation factor 2
3	c1g7tA_	Alignment		100.0	29	**PDB header:**translation **Chain:** A: **PDB Molecule:**translation initiation factor if2/eif5b; **PDBTitle:** x-ray structure of translation initiation factor if2/eif5b2 complexed with gdpnp
4	c1wb1C_	Alignment		100.0	20	**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
5	c3izq1_	Alignment		100.0	20	**PDB header:**ribosomal protein,hydrolase **Chain:** 1: **PDB Molecule:**elongation factor 1 alpha-like protein; **PDBTitle:** structure of the dom34-hbs1-gdpnp complex bound to a translating2 ribosome
6	c2ywfA_	Alignment		100.0	23	**PDB header:**translation **Chain:** A: **PDB Molecule:**gtp-binding protein lepa; **PDBTitle:** crystal structure of gmppnp-bound lepa from aquifex aeolicus
7	c3degC_	Alignment		100.0	25	**PDB header:**ribosome **Chain:** C: **PDB Molecule:**gtp-binding protein lepa; **PDBTitle:** complex of elongating escherichia coli 70s ribosome and ef4(lepa)-2 gmppnp
8	c3agqA_	Alignment		100.0	26	**PDB header:**translation,transferase **Chain:** A: **PDB Molecule:**elongation factor ts, elongation factor tu 1, linker, q **PDBTitle:** structure of viral polymerase form ii
9	c3mmpC_	Alignment		100.0	30	**PDB header:**transferase **Chain:** C: **PDB Molecule:**elongation factor tu 2, elongation factor ts; **PDBTitle:** structure of the qb replicase, an rna-dependent rna polymerase2 consisting of viral and host proteins
10	c3cb4D_	Alignment		100.0	29	**PDB header:**translation **Chain:** D: **PDB Molecule:**gtp-binding protein lepa; **PDBTitle:** the crystal structure of lepa
11	c2xexA_	Alignment		100.0	28	**PDB header:**translation **Chain:** A: **PDB Molecule:**elongation factor g; **PDBTitle:** crystal structure of staphylococcus aureus elongation factor2 g

12	c2bm0A_	Alignment		100.0	24	**PDB header:**elongation factor **Chain:** A: **PDB Molecule:**elongation factor g; **PDBTitle:** ribosomal elongation factor g (ef-g) fusidic acid resistant2 mutant t84a
13	c2dy1A_	Alignment		100.0	26	**PDB header:**signaling protein, translation **Chain:** A: **PDB Molecule:**elongation factor g; **PDBTitle:** crystal structure of ef-g-2 from thermus thermophilus
14	c1d2eA_	Alignment		100.0	29	**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
15	c1zunB_	Alignment		100.0	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
16	c1zn0B_	Alignment		100.0	25	**PDB header:**translation/biosynthetic protein/rna **Chain:** B: **PDB Molecule:**elongation factor g; **PDBTitle:** coordinates of rrf and ef-g fitted into cryo-em map of the2 50s subunit bound with both ef-g (gdpnp) and rrf
17	c1g7cA_	Alignment		100.0	24	**PDB header:**translation **Chain:** A: **PDB Molecule:**elongation factor 1-alpha; **PDBTitle:** yeast eef1a:eef1ba in complex with gdpnp
18	c3tr5C_	Alignment		100.0	27	**PDB header:**translation **Chain:** C: **PDB Molecule:**peptide chain release factor 3; **PDBTitle:** structure of a peptide chain release factor 3 (prfc) from coxiella2 burnetii
19	c1mj1A_	Alignment		100.0	31	**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
20	c2bvnB_	Alignment		100.0	28	**PDB header:**elongation factor **Chain:** B: **PDB Molecule:**elongation factor tu; **PDBTitle:** e. coli ef-tu:gdpnp in complex with the antibiotic2 enacyloxin iia
21	c3mcaA_	Alignment	not modelled	100.0	24	**PDB header:**translation regulation/hydrolase **Chain:** A: **PDB Molecule:**elongation factor 1 alpha-like protein; **PDBTitle:** structure of the dom34-hbs1 complex and implications for its role in2 no-go decay
22	c2elfA_	Alignment	not modelled	100.0	19	**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
23	c1skqB_	Alignment	not modelled	100.0	26	**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
24	c3p27A_	Alignment	not modelled	100.0	20	**PDB header:**signaling protein **Chain:** A: **PDB Molecule:**elongation factor 1 alpha-like protein; **PDBTitle:** crystal structure of a translational gtpase (gdp form)
25	c2rdo7_	Alignment	not modelled	100.0	28	**PDB header:**ribosome **Chain:** 7: **PDB Molecule:**elongation factor g; **PDBTitle:** 50s subunit with ef-g(gdpnp) and rrf bound
26	c1kk3A_	Alignment	not modelled	100.0	31	**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+
27	c2h5eB_	Alignment	not modelled	100.0	25	**PDB header:**translation **Chain:** B: **PDB Molecule:**peptide chain release factor rf-3; **PDBTitle:** crystal structure of e.coli polypeptide release factor rf3
28	c3b8hA_	Alignment	not modelled	100.0	27	**PDB header:**biosynthetic protein/transferase **Chain:** A: **PDB Molecule:**elongation factor 2; **PDBTitle:** structure of the eef2-exoa(e546a)-nad+ complex

29	c2plfA_	Alignment	not modelled	100.0	26	**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.
30	c1r5nA_	Alignment	not modelled	100.0	24	**PDB header:**translation **Chain:** A: **PDB Molecule:**eukaryotic peptide chain release factor gtp- **PDBTitle:** crystal structure analysis of sup35 complexed with gdp
31	c1s0uA_	Alignment	not modelled	100.0	24	**PDB header:**translation **Chain:** A: **PDB Molecule:**translation initiation factor 2 gamma subunit; **PDBTitle:** eif2gamma apo
32	c2hdnJ_	Alignment	not modelled	99.9	28	**PDB header:**translation **Chain:** J: **PDB Molecule:**elongation factor ef-tu; **PDBTitle:** trypsin-modified elongation factor tu in complex with2 tetracycline at 2.8 angstrom resolution
33	d1d1na_	Alignment	not modelled	99.9	49	**Fold:**Reductase/isomerase/elongation factor common domain **Superfamily:**Translation proteins **Family:**Elongation factors
34	c2crvA_	Alignment	not modelled	99.9	28	**PDB header:**translation **Chain:** A: **PDB Molecule:**translation initiation factor if-2; **PDBTitle:** solution structure of c-terminal domain of mitochondrial2 translational initiationfactor 2
35	c1z9bA_	Alignment	not modelled	99.9	43	**PDB header:**translation **Chain:** A: **PDB Molecule:**translation initiation factor if-2; **PDBTitle:** solution structure of the c1-subdomain of bacillus2 stearothermophilus translation initiation factor if2
36	d1g7sa3	Alignment	not modelled	99.9	24	**Fold:**Initiation factor IF2/eIF5b, domain 3 **Superfamily:**Initiation factor IF2/eIF5b, domain 3 **Family:**Initiation factor IF2/eIF5b, domain 3
37	c2e87A_	Alignment	not modelled	99.8	21	**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
38	d1f60a3	Alignment	not modelled	99.8	30	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
39	d2bv3a2	Alignment	not modelled	99.8	29	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
40	d1n0ua2	Alignment	not modelled	99.8	26	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
41	d2dy1a2	Alignment	not modelled	99.8	29	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
42	d1zunb3	Alignment	not modelled	99.8	26	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
43	c1mkyA_	Alignment	not modelled	99.8	23	**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
44	d1yrba1	Alignment	not modelled	99.7	20	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**Nitrogenase iron protein-like
45	c2qthA_	Alignment	not modelled	99.7	27	**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
46	d1g7sa4	Alignment	not modelled	99.7	41	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
47	c3ievA_	Alignment	not modelled	99.7	27	**PDB header:**nucleotide binding protein/rna **Chain:** A: **PDB Molecule:**gtp-binding protein era; **PDBTitle:** crystal structure of era in complex with mggnp and the 3' end of 16s2 rrna
48	c2hjgA_	Alignment	not modelled	99.7	27	**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
49	d1jnya3	Alignment	not modelled	99.7	36	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
50	c1egaB_	Alignment	not modelled	99.6	18	**PDB header:**hydrolase **Chain:** B: **PDB Molecule:**protein (gtp-binding protein era); **PDBTitle:** crystal structure of a widely conserved gtpase era
51	d1wb1a4	Alignment	not modelled	99.6	28	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
52	d1d2ea3	Alignment	not modelled	99.6	36	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
53	c1wf3A_	Alignment	not modelled	99.6	22	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**gtp-binding protein; **PDBTitle:** crystal structure of gtp-binding protein tt1341 from thermus2 thermophilus hb8
54	d2c78a3	Alignment	not modelled	99.6	32	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate

						hydrolases **Family:**G proteins
55	c3k53B_	Alignment	not modelled	99.6	20	**PDB header:**metal transport **Chain:** B: **PDB Molecule:**ferrous iron transport protein b; **PDBTitle:** crystal structure of nfeob from p. furiosus
56	c1xzqA_	Alignment	not modelled	99.6	21	**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
57	d1r5ba3	Alignment	not modelled	99.6	19	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
58	c3gehA_	Alignment	not modelled	99.6	28	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**trna modification gtpase mnme; **PDBTitle:** crystal structure of mnme from nostoc in complex with gdp, folinic2 acid and zn
59	c3qq5A_	Alignment	not modelled	99.5	25	**PDB header:**oxidoreductase **Chain:** A: **PDB Molecule:**small gtp-binding protein; **PDBTitle:** crystal structure of the [fefe]-hydrogenase maturation protein hydf
60	c2wsmB_	Alignment	not modelled	99.5	18	**PDB header:**metal binding protein **Chain:** B: **PDB Molecule:**hydrogenase expression/formation protein (hypb); **PDBTitle:** crystal structure of hydrogenase maturation factor hypb from2 archaeoglobus fulgidus
61	c3a1vB_	Alignment	not modelled	99.5	21	**PDB header:**transport protein **Chain:** B: **PDB Molecule:**iron(ii) transport protein b; **PDBTitle:** crystal structue of the cytosolic domain of t. maritima feob2 iron iransporter in apo form
62	c3md0A_	Alignment	not modelled	99.5	23	**PDB header:**transport protein **Chain:** A: **PDB Molecule:**arginine/ornithine transport system atpase; **PDBTitle:** crystal structure of arginine/ornithine transport system2 atpase from mycobacterium tuberculosis bound to gdp (a ras-3 like gtpase superfamily protein)
63	d1g7sa1	Alignment	not modelled	99.5	26	**Fold:**Reductase/isomerase/elongation factor common domain **Superfamily:**Translation proteins **Family:**Elongation factors
64	d1kk1a3	Alignment	not modelled	99.5	28	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
65	d1svia_	Alignment	not modelled	99.5	16	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
66	d1efca3	Alignment	not modelled	99.5	32	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
67	d2qn6a3	Alignment	not modelled	99.5	23	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
68	c2gedB_	Alignment	not modelled	99.5	19	**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
69	c1lnzA_	Alignment	not modelled	99.5	21	**PDB header:**cell cycle **Chain:** A: **PDB Molecule:**spo0b-associated gtp-binding protein; **PDBTitle:** structure of the obg gtp-binding protein
70	c3lvrE_	Alignment	not modelled	99.5	20	**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
71	c3ibyA_	Alignment	not modelled	99.4	20	**PDB header:**transport protein **Chain:** A: **PDB Molecule:**ferrous iron transport protein b; **PDBTitle:** structure of cytosolic domain of l. pneumophila feob
72	c3i8sC_	Alignment	not modelled	99.4	24	**PDB header:**transport protein **Chain:** C: **PDB Molecule:**ferrous iron transport protein b; **PDBTitle:** structure of the cytosolic domain of e. coli feob, nucleotide-free2 form
73	c3pqcA_	Alignment	not modelled	99.4	22	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**probable gtp-binding protein engb; **PDBTitle:** crystal structure of thermotoga maritima ribosome biogenesis gtp-2 binding protein engb (ysxc/yiha) in complex with gdp
74	c3lx8A_	Alignment	not modelled	99.4	23	**PDB header:**metal transport **Chain:** A: **PDB Molecule:**ferrous iron uptake transporter protein b; **PDBTitle:** crystal structure of gdp-bound nfeob from s. thermophilus
75	c3nxsA_	Alignment	not modelled	99.4	24	**PDB header:**transport protein **Chain:** A: **PDB Molecule:**lao/ao transport system atpase; **PDBTitle:** crystal structure of lao/ao transport system from mycobacterium2 smegmatis bound to gdp
76	d1s0ua3	Alignment	not modelled	99.4	25	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
77	d1egaa1	Alignment	not modelled	99.4	20	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
78	c1udxA_	Alignment	not modelled	99.4	23	**PDB header:**protein binding **Chain:** A: **PDB Molecule:**the gtp-binding protein obg; **PDBTitle:** crystal structure of the conserved protein tt1381 from thermus2 thermophilus hb8
						Fold:P-loop containing nucleoside triphosphate hydrolases

79	d2fh5b1	Alignment	not modelled	99.4	20	**Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
80	d1puia_	Alignment	not modelled	99.4	15	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
81	d1nrjb_	Alignment	not modelled	99.4	17	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
82	c2hf9A_	Alignment	not modelled	99.4	19	**PDB header:**hydrolase, metal binding protein **Chain:** A: **PDB Molecule:**probable hydrogenase nickel incorporation **PDBTitle:** crystal structure of hypb from methanocaldococcus2 jannaschii in the triphosphate form
83	c3t1tC_	Alignment	not modelled	99.4	21	**PDB header:**hydrolase **Chain:** C: **PDB Molecule:**gliding protein mgla; **PDBTitle:** mgla bound to gdp in p1 tetrameric arrangement
84	c2wjjB_	Alignment	not modelled	99.3	18	**PDB header:**metal transport **Chain:** B: **PDB Molecule:**ferrous iron transport protein b homolog; **PDBTitle:** structure and function of the feob g-domain from2 methanococcus jannaschii
85	c3c5hA_	Alignment	not modelled	99.3	16	**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)
86	c3a1wA_	Alignment	not modelled	99.3	22	**PDB header:**transport protein **Chain:** A: **PDB Molecule:**iron(ii) transport protein b; **PDBTitle:** crystal structue of the g domain of t. maritima feob iron2 iransporter
87	c2qptA_	Alignment	not modelled	99.3	27	**PDB header:**endocytosis **Chain:** A: **PDB Molecule:**eh domain-containing protein-2; **PDBTitle:** crystal structure of an ehd atpase involved in membrane remodelling
88	d1wf3a1	Alignment	not modelled	99.3	23	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
89	c2qagC_	Alignment	not modelled	99.3	19	**PDB header:**cell cycle, structural protein **Chain:** C: **PDB Molecule:**septin-7; **PDBTitle:** crystal structure of human septin trimer 2/6/7
90	c2wwwB_	Alignment	not modelled	99.3	21	**PDB header:**transport protein **Chain:** B: **PDB Molecule:**methylmalonic aciduria type a protein, **PDBTitle:** crystal structure of methylmalonic acidemia type a protein
91	c2qu8A_	Alignment	not modelled	99.3	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
92	c2wkqA_	Alignment	not modelled	99.2	15	**PDB header:**transferase, cell adhesion **Chain:** A: **PDB Molecule:**nph1-1, ras-related c3 botulinum toxin substrate **PDBTitle:** structure of a photoactivatable rac1 containing the lov22 c450a mutant
93	d2cxxa1	Alignment	not modelled	99.2	25	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
94	c2dykB_	Alignment	not modelled	99.2	25	**PDB header:**ribosome **Chain:** B: **PDB Molecule:**gtp-binding protein; **PDBTitle:** crystal structure of n-terminal gtp-binding domain of enga from2 thermus thermophilus hb8
95	d2p67a1	Alignment	not modelled	99.2	15	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**Nitrogenase iron protein-like
96	d2qm8a1	Alignment	not modelled	99.2	21	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**Nitrogenase iron protein-like
97	c3r7wC_	Alignment	not modelled	99.2	19	**PDB header:**protein transport **Chain:** C: **PDB Molecule:**gtp-binding protein gtr1; **PDBTitle:** crystal structure of gtr1p-gtr2p complex
98	d1tq4a_	Alignment	not modelled	99.2	15	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
99	d1mkya2	Alignment	not modelled	99.2	21	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
100	c3o47A_	Alignment	not modelled	99.2	23	**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
101	d1fzqa_	Alignment	not modelled	99.2	20	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
102	d1z2ca1	Alignment	not modelled	99.2	18	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
103	d1udxa2	Alignment	not modelled	99.2	23	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
104	c1gwnA	Alignment	not modelled	99.2	13	**PDB header:**gtpase **Chain:** A: **PDB Molecule:**rho-related gtp-binding protein rhoe;

104	c1gwnA_	Alignment	not modelled	99.2	15	**PDBTitle:** the crystal structure of the core domain of rhoe/rnd3 - a2 constitutively activated small g protein
105	d1m7ba_	Alignment	not modelled	99.2	13	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
106	d1lnza2	Alignment	not modelled	99.1	20	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
107	d1xzpa2	Alignment	not modelled	99.1	20	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
108	d2gj8a1	Alignment	not modelled	99.1	22	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
109	c2rexD_	Alignment	not modelled	99.1	14	**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
110	d2ngra_	Alignment	not modelled	99.1	16	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
111	d2al7a1	Alignment	not modelled	99.1	25	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
112	d2qtvb1	Alignment	not modelled	99.1	22	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
113	c2xtpA_	Alignment	not modelled	99.1	15	**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
114	c2xtnA_	Alignment	not modelled	99.1	15	**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
115	d1zcaa2	Alignment	not modelled	99.1	17	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
116	d1kmqa_	Alignment	not modelled	99.1	19	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
117	c2h18A_	Alignment	not modelled	99.1	24	**PDB header:**transport protein **Chain:** A: **PDB Molecule:**adp-ribosylation factor-like protein 8a; **PDBTitle:** structure of human adp-ribosylation factor-like 10b (arl10b)
118	c1m2oD_	Alignment	not modelled	99.1	22	**PDB header:**protein transport/signaling protein **Chain:** D: **PDB Molecule:**gtp-binding protein sar1; **PDBTitle:** crystal structure of the sec23-sar1 complex
119	d1yzga1	Alignment	not modelled	99.1	18	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**G proteins
120	c2q3fB_	Alignment	not modelled	99.0	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