Phyre2

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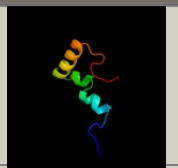
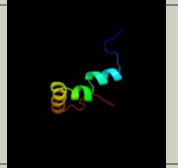
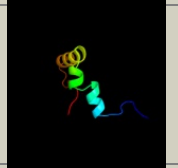
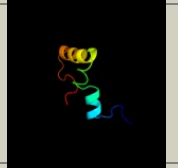
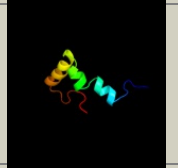
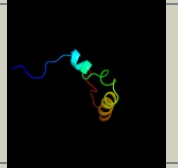
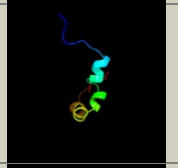
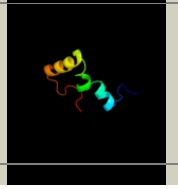
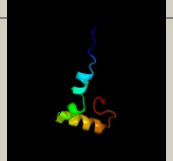
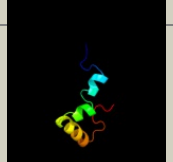
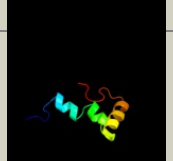
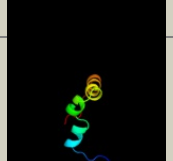
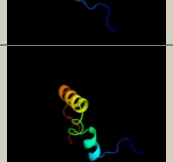
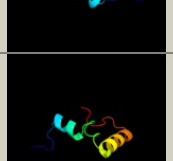
Description	P0A7P5
Date	Thu Jan 5 11:06:01 GMT 2012
Unique Job ID	43e8412155c44a0b

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3r8t2_	Alignment		99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** structures of the bacterial ribosome in classical and hybrid states of2 trna binding
2	c3i1r2_	Alignment		99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli 70s ribosome in an2 intermediate state of ratcheting
3	c3r8s2_	Alignment		99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** structures of the bacterial ribosome in classical and hybrid states of2 trna binding
4	c3izue_	Alignment		99.9	100	**PDB header:**ribosome **Chain:** E: **PDB Molecule:**50s ribosomal protein l3; **PDBTitle:** structural insights into cognate vs. near-cognate discrimination2 during decoding. this entry contains the large subunit of a ribosome3 programmed with a cognate codon
5	c3i202_	Alignment		99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli 70s ribosome in an2 intermediate state of ratcheting
6	c3izte_	Alignment		99.9	100	**PDB header:**ribosome **Chain:** E: **PDB Molecule:**50s ribosomal protein l3; **PDBTitle:** structural insights into cognate vs. near-cognate discrimination2 during decoding. this entry contains the large subunit of a ribosome3 programmed with a near-cognate codon.
7	c2qbc2_	Alignment		99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from2 escherichia coli in complex with gentamicin. this file3 contains the 50s subunit of the second 70s ribosome, with4 gentamicin bound. the entire crystal structure contains5 two 70s ribosomes and is described in remark 400.
8	c2qao2_	Alignment		99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from2 escherichia coli in complex with neomycin. this file3 contains the 50s subunit of the second 70s ribosome, with4 neomycin bound. the entire crystal structure contains two5 70s ribosomes and is described in remark 400.
9	c2qba2_	Alignment		99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from2 escherichia coli in complex with gentamicin. this file3 contains the 50s subunit of the first 70s ribosome, with4 gentamicin bound. the entire crystal structure contains5 two 70s ribosomes and is described in remark 400.
10	c2qam2_	Alignment		99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from2 escherichia coli in complex with neomycin. this file3 contains the 50s subunit of the first 70s ribosome, with4 neomycin bound. the entire crystal structure contains two5 70s ribosomes and is described in remark 400.
11	c2z4n2_	Alignment		99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia2 coli in complex with paromomycin and ribosome recycling3 factor (rrf). this file contains the 50s subunit of the4 second 70s ribosome, with paromomycin and rrf bound. the5 entire crystal structure contains two 70s ribosomes and is6 described in remark 400.
						PDB header:ribosome

12	c2z4l2_	Alignment		99.9	100	**Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia2 coli in complex with paromomycin and ribosome recycling3 factor (rrf). this file contains the 50s subunit of the4 first 70s ribosome, with paromomycin and rrf bound. the5 entire crystal structure contains two 70s ribosomes and is6 described in remark 400.
13	c3i1n2_	Alignment		99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli 70s ribosome in an2 intermediate state of ratcheting
14	c3e1dV_	Alignment		99.9	100	**PDB header:**ribosome **Chain:** V: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** structure of the 50s subunit of e. coli ribosome in post-2 accommodation state
15	c2qbe2_	Alignment		99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia2 coli in complex with ribosome recycling factor (rrf). this3 file contains the 50s subunit of the first 70s ribosome,4 with rrf bound. the entire crystal structure contains two5 70s ribosomes and is described in remark 400.
16	c2qbg2_	Alignment		99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia2 coli in complex with ribosome recycling factor (rrf). this3 file contains the 50s subunit of the second 70s ribosome,4 with rrf bound. the entire crystal structure contains two5 70s ribosomes and is described in remark 400.
17	c2qp12_	Alignment		99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia2 coli in complex with spectinomycin and neomycin. this file3 contains the 50s subunit of the second 70s ribosome, with4 neomycin bound. the entire crystal structure contains two5 70s ribosomes.
18	c2qoz2_	Alignment		99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia2 coli in complex with spectinomycin and neomycin. this file3 contains the 50s subunit of the first 70s ribosome, with4 neomycin bound. the entire crystal structure contains two5 70s ribosomes.
19	c2qbi2_	Alignment		99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia2 coli in complex with gentamicin and ribosome recycling3 factor (rrf). this file contains the 50s subunit of the4 first 70s ribosome, with gentamicin and rrf bound. the5 entire crystal structure contains two 70s ribosomes and is6 described in remark 400.
20	c2qbk2_	Alignment		99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia2 coli in complex with gentamicin and ribosome recycling3 factor (rrf). this file contains the 50s subunit of the4 second 70s ribosome, with gentamicin and rrf bound. the5 entire crystal structure contains two 70s ribosomes and is6 described in remark 400.
21	c1vs62_	Alignment	not modelled	99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from2 escherichia coli in complex with the antibiotic kasugamyin3 at 3.5a resolution. this file contains the 50s subunit of4 one 70s ribosome. the entire crystal structure contains5 two 70s ribosomes and is described in remark 400.
22	c2qox2_	Alignment	not modelled	99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia2 coli in complex with spectinomycin. this file contains the3 50s subunit of the second 70s ribosome. the entire crystal4 structure contains two 70s ribosomes.
23	c2qov2_	Alignment	not modelled	99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia2 coli in complex with spectinomycin. this file contains the3 50s subunit of the first 70s ribosome. the entire crystal4 structure contains two 70s ribosomes.
24	c3df42_	Alignment	not modelled	99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia2 coli in complex with hygromycin b. this file contains the3 50s subunit of the second 70s ribosome. the entire crystal4 structure contains two 70s ribosomes.
25	c3df22_	Alignment	not modelled	99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia2 coli in complex with hygromycin b. this file contains the3 50s subunit of the first 70s ribosome. the entire crystal4 structure contains two 70s ribosomes.
						PDB header:ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34;

26	c2aw42_	Alignment	not modelled	99.9	100	**PDBTitle:** crystal structure of the bacterial ribosome from2 escherichia coli at 3.5 a resolution. this file contains3 the 50s subunit of one 70s ribosome. the entire crystal4 structure contains two 70s ribosomes and is described in5 remark 400.
27	c3bbx2_	Alignment	not modelled	99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** the hsp15 protein fitted into the low resolution cryo-em map of the2 50s.nc-trna.hsp15 complex
28	c3e1bV_	Alignment	not modelled	99.9	100	**PDB header:**ribosome **Chain:** V: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** structure of the 50s subunit of e. coli ribosome in pre-2 accommodation state
29	c2vhm2_	Alignment	not modelled	99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDB Fragment:**residues 2-142; **PDBTitle:** structure of pdf binding helix in complex with the ribosome2 (part 1 of 4)
30	c2vhn2_	Alignment	not modelled	99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDB Fragment:**residues 2-142 **PDBTitle:** structure of pdf binding helix in complex with the ribosome.2 (part 2 of 4)
31	c3i1p2_	Alignment	not modelled	99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli 70s ribosome in an2 intermediate state of ratcheting
32	c3i1t2_	Alignment	not modelled	99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli 70s ribosome in an2 intermediate state of ratcheting
33	c2awb2_	Alignment	not modelled	99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from2 escherichia coli at 3.5 a resolution. this file contains3 the 50s subunit of the second 70s ribosome. the entire4 crystal structure contains two 70s ribosomes and is5 described in remark 400.
34	c2j282_	Alignment	not modelled	99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** model of e. coli srp bound to 70s rncs
35	c2i2v2_	Alignment	not modelled	99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of ribosome with messenger rna and the2 anticodon stem-loop of p-site trna. this file contains the3 50s subunit of one 70s ribosome. the entire crystal4 structure contains two 70s ribosomes and is described in5 remark 400.
36	c2i2t2_	Alignment	not modelled	99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of ribosome with messenger rna and the2 anticodon stem-loop of p-site trna. this file contains the3 50s subunit of one 70s ribosome. the entire crystal4 structure contains two 70s ribosomes and is described in5 remark 400.
37	c2wwq6_	Alignment	not modelled	99.9	100	**PDB header:**ribosome **Chain:** 6: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** e.coli 70s ribosome stalled during translation of tnac2 leader peptide. this file contains the 50s, the p-site3 trna and the tnac leader peptide (part 2 of 2).
38	c3j012_	Alignment	not modelled	99.9	100	**PDB header:**ribosome/ribosomal protein **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** structure of the ribosome-secye complex in the membrane environment
39	c3i222_	Alignment	not modelled	99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli 70s ribosome in an2 intermediate state of ratcheting
40	c2rdo2_	Alignment	not modelled	99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** 50s subunit with ef-g(gdpnp) and rrf bound
41	c1vs82_	Alignment	not modelled	99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia coli in2 complex with the antibiotic kasugamyin at 3.5a resolution. this file3 contains the 50s subunit of one 70s ribosome. the entire crystal4 structure contains two 70s ribosomes and is described in remark 400.
42	c3fin7_	Alignment	not modelled	99.9	64	**PDB header:**ribosome **Chain:** 7: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** t. thermophilus 70s ribosome in complex with mrna, trnas2 and ef-tu.gdp.kirromycin ternary complex, fitted to a 6.43 a cryo-em map. this file contains the 50s subunit.
43	c1sm12_	Alignment	not modelled	99.9	70	**PDB header:**ribosome/antibiotic **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** complex of the large ribosomal subunit from deinococcus radiodurans2 with quinupristin and dalfopristin
44	c3orb2_	Alignment	not modelled	99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to cem-101. this file2 contains the 50s subunit of the first 70s ribosome bound to cem-101.
45	c3ofc2_	Alignment	not modelled	99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to chloramphenicol.2 this file contains the 50s subunit of the first 70s ribosome with3 chloramphenicol bound.
46	c3ofz2_	Alignment	not modelled	99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to clindamycin. this2 file contains the 50s subunit of the first 70s ribosome bound to3 clindamycin.
47	c3og02_	Alignment	not modelled	99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to clindamycin. this2 file contains the 50s subunit of the second 70s ribosome.
						PDB header:ribosome

48	c3ofd2_	Alignment	not modelled	99.9	100	**Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to chloramphenicol.2 this file contains the 50s subunit of the second 70s ribosome.
49	c1vt22_	Alignment	not modelled	99.9	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to cem-101. this file2 contains the 50s subunit of the second 70s ribosome.
50	c3ofr2_	Alignment	not modelled	99.8	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to erythromycin. this2 file contains the 50s subunit of the first 70s ribosome with3 erthromycin bound.
51	c3oat2_	Alignment	not modelled	99.8	100	**PDB header:**ribosome/antibiotic **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to telithromycin. this2 file contains the 50s subunit of the first 70s ribosome with3 telithromycin bound.
52	c3ofq2_	Alignment	not modelled	99.8	100	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to erythromycin. this2 file contains the 50s subunit of the second 70s ribosome.
53	c3oas2_	Alignment	not modelled	99.8	100	**PDB header:**ribosome/antibiotic **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to telithromycin. this2 file contains the 50s subunit of the second 70s ribosome.
54	c2ftcQ_	Alignment	not modelled	99.7	47	**PDB header:**ribosome **Chain:** Q: **PDB Molecule:**39s ribosomal protein l34, mitochondrial; **PDBTitle:** structural model for the large subunit of the mammalian mitochondrial2 ribosome
55	c3bbo4_	Alignment	not modelled	98.8	57	**PDB header:**ribosome **Chain:** 4: **PDB Molecule:**ribosomal protein l34; **PDBTitle:** homology model for the spinach chloroplast 50s subunit2 fitted to 9.4a cryo-em map of the 70s chlororibosome
56	c2x5aT_	Alignment	not modelled	8.1	63	**PDB header:**viral protein **Chain:** T: **PDB Molecule:**orf15; **PDBTitle:** structure of the phage p2 baseplate in its activated2 conformation with ca (part 2 of 2)