

Email I.a.kelley@imperial.ac.uk 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	<u>c3r8t2_</u>	Alignment	See a	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein I34; PDBTitle: structures of the bacterial ribosome in classical and hybrid states of2 trna binding
2	<u>c3i1r2_</u>	Alignment	802	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein I34; PDBTitle: crystal structure of the e. coli 70s ribosome in an2 intermediate state of ratcheting
3	<u>c3r8s2</u>	Alignment		99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein I34; PDBTitle: structures of the bacterial ribosome in classical and hybrid states of2 trna binding
4	<u>c3izue</u> _	Alignment	Nage	99.9	100	PDB header:ribosome Chain: E: PDB Molecule:50s ribosomal protein 13; 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	<u>c3i202</u> _	Alignment	S.	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; PDBTitle: crystal structure of the e. coli 70s ribosome in an2 intermediate state of ratcheting
6	<u>c3izte</u> _	Alignment	9.60	99.9	100	PDB header:ribosome Chain: E: PDB Molecule:50s ribosomal protein I3; 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	<u>c2qbc2</u>	Alignment	and the second sec	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; 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	<u>c2qao2_</u>	Alignment	-	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; 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	<u>c2qba2_</u>	Alignment	~ teg	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; 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	<u>c2qam2_</u>	Alignment	O.C.	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; 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	<u>c2z4n2_</u>	Alignment	1	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; 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

Intermediate State of ratineting 14 Calaby, Alignment 99.9 310 PDB header:/liborare Chains: J. PDB Medical-Stor infosome in potent 184: commendiate State of ratineting 15 Claboy, Alignment 99.9 310 PDB header:/liborare chains: J. PDB Medical-Stor infosome in potent 184: commendiate State of the Sta	12	<u>c2z4l2</u>	Alignment	e and a second	99.9	100	Chain: 2: PDB Molecule:50s ribosomal protein 134; 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.
14 Alignment 99.9 110 Chaim V: PDF Molecule/S0 Integer Chaim V: PDF Molecule/S0 Integer 15 62 dbs2. Alignment 99.9 100 Chaim V: PDF Molecule/S0 Integer Commodition stude 15 62 dbs2. Alignment 99.9 100 Chaim V: PDF Molecule/S0 Integer Commodition stude 15 62 dbs2. Alignment 99.9 100 Chaim V: PDF Molecule/S0 Integer Commodition stude 15 62 dbs2. Alignment 99.9 100 Chaim V: PDF Molecule/S0 Integer Commodition stude 16 62 dbs2. Alignment 99.9 100 Chaim V: PDF Molecule/S0 Integer Commodition S0 Integer 17 62 dbs2. Alignment 99.9 100 Chaim V: PDF Molecule/S0 Integer Commodition S0 Integer 18 62 dbs2. Alignment 99.9 100 Chaim V: PDF Molecule/S0 Integer Chaim V: PDF Molecule/S0 Integer Chaim V: PDF Molecule/S0 Integer Commodition S0 Integer 19 c2 dbs2. Alignment 99.9 100 Soft Hosstres And S0 Integer <	13	<u>c3i1n2</u>	Alignment	NO RE	99.9	100	Chain: 2: PDB Molecule:50s ribosomal protein 134; PDBTitle: crystal structure of the e. coli 70s ribosome in an2
15 c:2abs2, Alignment 99.9 100 Chain 2: PDB Molecule:Sin besome longent in the molecule of the backerial in bosome longent in the molecule of the backerial in bosome longent in bosome longent in backerial in bosome longent in backeria	14	<u>c3e1dV_</u>	Alignment		99.9	100	Chain: V: PDB Molecule:50s ribosomal protein 134; PDBTitle: structure of the 50s subunit of e. coli ribosome in post-2
16 c2ab02. Alignment 99.9 100 Chain: 2: PDB Molecular GS ribosomal protein 134: PDFUE: cyclis structure of the bacterial ribosome from excellent that 2:00 in couples with ribosome recycling factor with ribosomes and is described in remark 400. 17 c2ab12. Alignment 99.9 100 PDF Meder: Dissome ribosome and is described in remark 400. 18 c2ab12. Alignment 99.9 100 PDF Meder: Dissome ribosome and is described in remark 400. 18 c2ab22. Alignment 99.9 100 PDF Meder: Dissome ribosome PDF Meder: Dissome ribosome 18 c2ab22. Alignment 99.9 100 PDF Meder: Dissome ribosome PDF Meder: Dissome ribosome 19 c2ab12. Alignment 99.9 100 PDF Meder: Dissome ribosome PDF Meder: Dissome ribosome 20 c2ab12. Alignment not modelled 99.9 100 PDF Meder: Dissome ribosome robosome robosome robosome robosome robosome robosome robosome robosome robosome robosome robosome robosome robosome robosome robosome robosome robos	15	c2qbe2_	Alignment		99.9	100	Chain: 2: PDB Molecule:50s ribosomal protein 134; 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
17 C2012. Alignment 99.9 100 Chein: 2: PDB Molecule:50: ribosomal protein 134; result in complex with specthomycin and neony methods of the acterial in complex with specthomycin and neony methods. This is the complex with specthomycin and neony methods. This is the complex with specthomycin and neony methods. This is the complex with specthomycin and neony methods. This is the complex with specthomycin and neony methods. This is the complex with specthomycin and neony methods. This is the complex with specthomycin and neony methods. This is the complex with specthomycin and neony methods. This is the complex with specthomycin and neony methods. The is the complex with specthomycin and neony methods. The specthomycin and neony spechomycin the specthomycin and neony methods and s	16	<u>c2qbg2</u>	Alignment		99.9	100	Chain: 2: PDB Molecule:50s ribosomal protein 134; 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
18 c2qo22, Alignment 99.9 100 Chain: 2: PDB Molecule:50s ribosome from escherichia2 coli in complex with spectinorrycin and neomy enorgy in the source of the bacterial ribosome from escherichia2 coli in complex with spectinorrycin and neomy enorgy in the source of the bacterial ribosome from escherichia2 coli in complex with spectinorycin and neomy enorgy in the source of the bacterial ribosome from escherichia2 coli in complex with spectinorycin and neomy enorgy in the source of the bacterial ribosome from escherichia2 coli in complex with spectinorycin and recomplex with spectinorycin and recomplex with gentame in and ribosome from escherichia2 coli in complex with gentame in and ribosome from the source contains to 70s ribosome, with gentame in and ribosome from the source contains to 70s ribosome and is6 described in ribosome from the source contains to 70s ribosome and is6 described in ribosome from escherichia2 coli in complex with gentame in and ribosome from escherichia2 coli in complex with gentame in and ribosome from escherichia2 coli in complex with gentame in and ribosome from the source contains to 70s ribosome and is6 described in ribosome from escherichia2 coli in complex with gentame in and ribosome from escherichia2 coli in complex with gentame in and ribosome from escherichia2 coli in complex with gentame in and ribosome from escherichia2 coli in complex with gentame in and ribosome from escherichia2 coli in complex with gentame in and ribosome from escherichia2 coli in complex with gentame in and ribosome from escherichia2 coli in complex with gentame in and ribosome from escherichia2 coli in complex with gentame in and ribosome from escherichia2 coli in complex with gentame in and ribosome from escherichia2 coli in complex with gentame in and ribosome from escherichia2 coli in complex with gentame in and ribosome from escherichia2 coli in complex with gentame in and ribosome from escher	17	<u>c2qp12_</u>	Alignment	- mag	99.9	100	Chain: 2: PDB Molecule:50s ribosomal protein 134; 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
19 c2qbi2_ Alignment 99.9 100 Chain: 2: PDB Molecule:50s ribosomal protein 134; PDBTHie: crystal structure of the bacterial ribosome from eccycling factor (rff, his file contains the 50s subunit of th 70s ribosome, with gentamicin and rff bound, the 50 strubunit of th 70s ribosome, with gentamicin and rff bound, the 50 strubunit of th 70s ribosome, with gentamicin and rff bound, the 50 strubunit of th 70s ribosome, with gentamicin and rff bound, the 50 strubunit of th 70s ribosome, with gentamicin and rff bound, the 50 strubunit of th 70s ribosome, with gentamicin and rff bound the 50 strubunit of th 70s ribosome, with gentamicin and rff bound the 50 strubunit of th 70s ribosome, with gentamicin and rff bound the 50 strubunit of th 70s ribosome, with gentamicin and rff bound the 50 strubunit of th 70s ribosome, with gentamicin and rff bound the 50 recycling factor (rff, his file contains the 70s ribosomes and is 6 describ 70s ribosome, with gentamicin and rff bound the 50 recycling factor (rff, his file contains the 70s ribosomes and is 6 describ 70s ribosome, with gentamicin and rff bound the 50 recycling factor (rff, his file contains the 70s ribosomes and is 6 describ 70s ribosome and ribosome from 70s ribosome 70s ribosome 21 c1vs62 Alignment not modelled 99.9 100 22 c2qov2 Alignment not modelled 99.9 100 23 c2qov2 Alignment not modelled 99.9 100 70s ribosomal protein 134; PDB file contains the 70s ribosome. He enther crystal structure contains the 70s ribosome. He enther crystal	18	<u>c2qoz2_</u>	Alignment	and the second sec	99.9	100	Chain: 2: PDB Molecule:50s ribosomal protein 134; 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.
20 c2qbk2 Alignment 99.9 100 Chain: 2: PDB Molecule:30s ribosomal protein 134; PDB Title: crystal structure of the bacterial ribosome from escherichia2 coli in complex with gentamicin and ribosome from escherichia2 coli in complex with gentamicin and ribosome from escherichia2 coli in complex with gentamicin and ribosome from escherichia2 coli in complex with gentamicin and ribosome from escherichia2 coli in complex with gentamicin and ribosome from escherichia2 coli in complex with gentamicin and ribosome from escherichia2 coli in complex with gentamicin and ribosome from escherichia2 coli in complex with gentamicin and ribosome from escherichia2 coli in complex with gentamicin and ribosome from escherichia2 coli in complex with gentamicin and ribosome from escherichia2 coli in complex with gentamicin and ribosome from escherichia2 coli in complex with gentamicin and ribosome from escherichia2 coli in complex with gentamicin represented and escribed in remark 400. 22 c2qox2 Alignment not modelled 99.9 100 PDB header:ribosome 23 c2qox2 Alignment not modelled 99.9 100 PDB header:ribosome 24 c3df42 Alignment not modelled 99.9 100 PDB header:ribosome 25 c3df42 Alignment not modelled 99.9 100 PDB header:ribosome 24 c3df42 Alignment not modelled 99.9 100 PDB header:ribosome	19	<u>c2qbi2_</u>	Alignment	Sec.	99.9	100	Chain: 2: PDB Molecule:50s ribosomal protein 134; 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
21 c1vs62_ Alignment not modelled 99.9 100 Chain: 2: PDB Molecule:50s ribosomal protein 134; PDBTitle: crystal structure of the bacterial ribosome from 2 resolution. this file contains the 50s subunit of 4 one 70s ribosomes and described in remark 400. 22 c2qox2_ Alignment not modelled 99.9 100 PDB Molecule:50s ribosome from 2 resolution. this file contains the 50s subunit of 4 one 70s ribosomes and described in remark 400. 22 c2qox2_ Alignment not modelled 99.9 100 PDB Meader:ribosome 23 c2qov2_ Alignment not modelled 99.9 100 PDB Molecule:50s ribosomal protein 134; PDBTitle: crystal structure of the bacterial ribosome from 2 escherichia 2 coli in complex with spectinomycin. this file con the 3 50s subunit of the second 70s ribosome. the entire crystal structure of the bacterial ribosome from 2 escherichia 2 coli in complex with spectinomycin. this file con the 3 50s subunit of the first 70s ribosome. The entire crystal structure of the bacterial ribosome from 2 escherichia2 coli in complex with spectinomycin. this file con the 3 50s subunit of the first 70s ribosome. the entire crystal structure of the bacterial ribosome from 2 escherichia2 coli in complex with spectinomycin. this file con the 3 50s subunit of the first 70s ribosome. The entire crystal structure of the bacterial ribosome from 2 escherichia2 coli in complex with spectinomycin. this file con the 3 50s subunit of the second 70s ribosomal protein 134; PDBTitle: crystal structure of the bacterial ribosome from escherichia2 coli in complex with spectinomycin. this	20	<u>c2qbk2</u> _	Alignment	_~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	99.9	100	Chain: 2: PDB Molecule:50s ribosomal protein 134; 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
22c2qox2Alignmentnot modelled99.9100Chain: 2: PDB Molecule:50s ribosomal protein 134; PDBTitle: crystal structure of the bacterial ribosome from escherichia2 coli in complex with spectinomycin. this file col the 350s subunit of the second 70s ribosome. the entire crystal structure contains two 70s ribosome. The second 70s ribosome. PDB header: ribosome24c3df42Alignmentnot modelled99.9100PDB header: PDB header: ribosome25c3df22Alignmentnot modelled99.9100PDB header: PDB header: ribosome25c3df22Alignmentnot modelled99.9100 <td>21</td> <td><u>c1vs62</u></td> <td>Alignment</td> <td>not modelled</td> <td>99.9</td> <td>100</td> <td>Chain: 2: PDB Molecule:50s ribosomal protein 134; 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.</td>	21	<u>c1vs62</u>	Alignment	not modelled	99.9	100	Chain: 2: PDB Molecule:50s ribosomal protein 134; 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.
23 c2qov2_ Alignment not modelled 99.9 100 Chain: 2: PDB Molecule:50s ribosomal protein 134; PDBTitle: crystal structure of the bacterial ribosome from escherichia2 coli in complex with spectinomycin. this file col structure contains two 70s ribosomes. 24 c3df42_ Alignment not modelled 99.9 100 PDB header:ribosome escherichia2 coli in complex with spectinomycin. this file col structure contains two 70s ribosomes. 24 c3df42_ Alignment not modelled 99.9 100 PDB header:ribosome escherichia2 coli in complex with hygromycin b. this file col the3 50s subunit of the second 70s ribosome. the entire crysts structure contains two 70s ribosome. the entire crysts ructure contains two 70s ribosome. the entire crysts structure contains two 70s ribosome. 25 c3df22_ Alignment not modelled 99.9 100 PDB header:ribosome escherichia2 coli in complex with hygromycin b. this file col the3 50s subunit of the second 70s ribosome. the entire cryst structure contains two 70s ribosome. 25 c3df22_ Alignment not modelled 99.9 100 PDB header:ribosome escherichia2 coli in complex with hygromycin b. this file col the3 50s subunit of the bacterial ribosome from escherichia2 coli in complex with hygromycin b. this file col	22	<u>c2qox2</u>	Alignment	not modelled	99.9	100	Chain: 2: PDB Molecule:50s ribosomal protein 134; 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
24 c3df42_ Alignment not modelled 99.9 100 PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; PDBTitle: crystal structure of the bacterial ribosome from escherichia2 coli in complex with hygromycin b. this file col the3 50s subunit of the second 70s ribosome. the entire crys structure contains two 70s ribosomes. 25 c3df22_ Alignment not modelled 99.9 100 PDB Title: crystal structure of the bacterial ribosome from escherichia2 coli in complex with hygromycin b. this file col the3 50s subunit of the second 70s ribosome. the entire crys structure contains two 70s ribosomes. 25 c3df22_ Alignment not modelled 99.9 100 PDB Title: crystal structure of the bacterial ribosome from escherichia2 coli in complex with hygromycin b. this file col	23	c2qov2_	Alignment	not modelled	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; 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
25 c3df22 Alignment not modelled 99.9 100 PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; PDBTitle: crystal structure of the bacterial ribosome from escherichia2 coli in complex with hygromycin b. this file col	24	<u>c3df42_</u>	Alignment	not modelled	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; PDBTitle: crystal structure of the bacterial ribosome from escherichia2 coll in complex with hygromycin b. this file contains the3 50s subunit of the second 70s ribosome. the entire crystal4
the3 50s subunit of the first 70s ribosome, the entire crystal4 structure contains two 70s ribosomes. PDB header:ribosome	25	<u>c3df22_</u>	Alignment	not modelled	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein I34; 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.

26	<u>c2aw42_</u>	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	<u>c3bbx2</u>	Alignment	not modelled	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; PDBTitle: the hsp15 protein fitted into the low resolution cryo-em map of the2 50s.nc-trna.hsp15 complex
28	<u>c3e1bV</u>	Alignment	not modelled	99.9	100	PDB header:ribosome Chain: V: PDB Molecule:50s ribosomal protein 134; PDBTitle: structure of the 50s subunit of e. coli ribosome in pre-2 accommodation state
29	<u>c2vhm2</u>	Alignment	not modelled	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; PDB Fragment:residues 2-142; PDBTitle: structure of pdf binding helix in complex with the ribosome2 (part 1 of 4)
30	<u>c2vhn2</u>	Alignment	not modelled	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; PDB Fragment:residues 2-142 PDBTitle: structure of pdf binding helix in complex with the ribosome.2 (part 2 of 4)
31	<u>c3i1p2_</u>	Alignment	not modelled	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; PDBTitle: crystal structure of the e. coli 70s ribosome in an2 intermediate state of ratcheting
32	<u>c3i1t2_</u>	Alignment	not modelled	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; PDBTitle: crystal structure of the e. coli 70s ribosome in an2 intermediate state of ratcheting
33	<u>c2awb2</u>	Alignment	not modelled	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; 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	<u>c2j282</u> _	Alignment	not modelled	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein I34; PDBTitle: model of e. coli srp bound to 70s rncs
35	<u>c2i2v2</u>	Alignment	not modelled	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; 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	<u>c2i2t2</u>	Alignment	not modelled	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; 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	<u>c2wwq6_</u>	Alignment	not modelled	99.9	100	PDB header:ribosome Chain: 6: PDB Molecule:50s ribosomal protein 134; PDBTitle: e.coli 70s ribosome stalled during translation of tnac2 leader peptide. this file contains the 50s, the p-site3 trna and the thac leader peptide (part 2 of 2). PDB headerwithereme (integrate protein)
38	<u>c3j012</u> _	Alignment	not modelled	99.9	100	PDB header:ribosome/ribosomal protein Chain: 2: PDB Molecule:50s ribosomal protein 134; PDBTitle: structure of the ribosome-secye complex in the membrane environment
39	<u>c3i222_</u>	Alignment	not modelled	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; PDBTitle: crystal structure of the e. coli 70s ribosome in an2 intermediate state of ratcheting
40	<u>c2rdo2</u>	Alignment	not modelled	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; PDBTitle: 50s subunit with ef-g(gdpnp) and rrf bound
41	<u>c1vs82</u>	Alignment	not modelled	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; 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	<u>c3fin7_</u>	Alignment	not modelled	99.9	64	PDB header:ribosome Chain: 7: PDB Molecule:50s ribosomal protein 134; 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. PDB header:ribosome/antibiotic
43	<u>c1sm12_</u>	Alignment	not modelled	99.9	70	Chain: 2: PDB Molecule:50s ribosomal protein 134; PDBTitle: complex of the large ribosomal subunit from deinococcus radiodurans2 with quinupristin and dalfopristin
44	<u>c3orb2</u>	Alignment	not modelled	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; 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. PDB header:ribosome
45	<u>c3ofc2</u>	Alignment	not modelled	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; 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. PDB header:ribosome
46	<u>c3ofz2</u>	Alignment	not modelled	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; 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. PDB header:ribosome
47	<u>c3og02_</u>	Alignment	not modelled	99.9	100	Chain: 2: PDB Molecule:50s ribosomal protein 134; 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	<u>c3ofd2_</u>	Alignment	not modelled	99.9	100	Chain: 2: PDB Molecule:50s ribosomal protein I34; PDBTitle: crystal structure of the e. coli ribosome bound to chloramphenicol.2 this file contains the 50s subunit of the second 70s ribosome.
49	<u>c1vt22</u> _	Alignment	not modelled	99.9	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; PDBTitle: crystal structure of the e. coli ribosome bound to cem- 101. this file2 contains the 50s subunit of the second 70s ribosome.
50	<u>c3ofr2_</u>	Alignment	not modelled	99.8	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; 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	<u>c3oat2_</u>	Alignment	not modelled	99.8	100	PDB header:ribosome/antibiotic Chain: 2: PDB Molecule:50s ribosomal protein I34; 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	<u>c3ofq2_</u>	Alignment	not modelled	99.8	100	PDB header:ribosome Chain: 2: PDB Molecule:50s ribosomal protein 134; PDBTitle: crystal structure of the e. coli ribosome bound to erythromycin. this2 file contains the 50s subunit of the second 70s ribosome.
53	<u>c3oas2</u> _	Alignment	not modelled	99.8	100	PDB header:ribosome/antibiotic Chain: 2: PDB Molecule:50s ribosomal protein 134; PDBTitle: crystal structure of the e. coli ribosome bound to telithromycin. this2 file contains the 50s subunit of the second 70s ribosome.
54	<u>c2ftcQ_</u>	Alignment	not modelled	99.7	47	PDB header:ribosome Chain: Q: PDB Molecule:39s ribosomal protein 134, mitochondrial; PDBTitle: structural model for the large subunit of the mammalian mitochondrial2 ribosome
55	<u>c3bbo4</u>	Alignment	not modelled	98.8	57	PDB header:ribosome Chain: 4: PDB Molecule:ribosomal protein 134; PDBTitle: homology model for the spinach chloroplast 50s subunit2 fitted to 9.4a cryo-em map of the 70s chlororibosome
56	<u>c2x5aT_</u>	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)