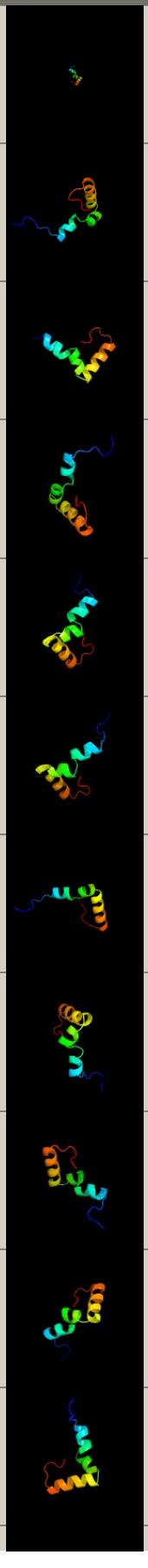
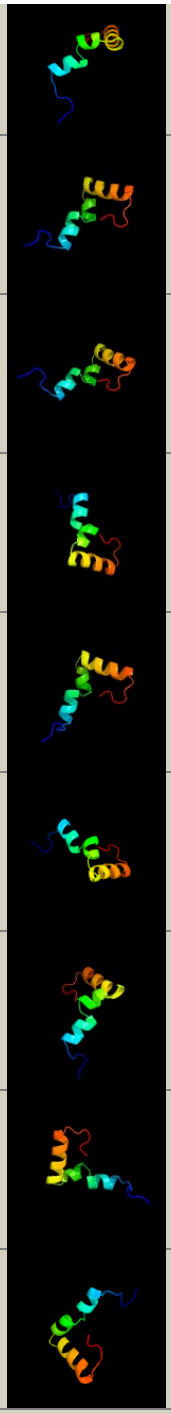
Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD3924c_(rpmH)_4410963_4411106
Date	Sat Aug 10 22:05:11 BST 2019
Unique Job ID	5d80a40f1de5b1fa

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c5o60d_	Alignment		99.9	85	**PDB header:**ribosome **Chain:** D: **PDB Molecule:**50s ribosomal protein l3; **PDBTitle:** structure of the 50s large ribosomal subunit from mycobacterium2 smegmatis
2	c3j3v2_	Alignment		99.9	65	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** atomic model of the immature 50s subunit from bacillus subtilis (state2 i-a)
3	c3fin7_	Alignment		99.9	60	**PDB header:**ribosome **Chain:** 7: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** t. thermophilus 70s ribosome in complex with mrna, trnas and ef-2 tu.gdp.kirromycin ternary complex, fitted to a 6.4 a cryo-em map.3 this file contains the 50s subunit.
4	c4tp32_	Alignment		99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to dalfopristin. this2 file contains the 50s subunit of the second 70s ribosome with3 dalfopristin bound.
5	c4tp92_	Alignment		99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to dalfopristin and2 quinupristin. this file contains the 50s subunit of the first 70s3 ribosome with dalfopristin and quinupristin bound.
6	c4wap2_	Alignment		99.9	55	**PDB header:**ribosome/antibiotic **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to negamycin. this2 file contains the 50s subunit of the first 70s ribosome.
7	c3j5i2_	Alignment		99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** e. coli 70s-fmetval-trnaval-trnafmet complex in intermediate post-2 translocation state (post3b, 50s subunit)
8	c3j582_	Alignment		99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** e. coli 70s-fmetval-trnaval-trnafmet complex in hybrid pre-2 translocation state (pre5b, 50s subunit)
9	c4kj32_	Alignment		99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** control of ribosomal subunit rotation by elongation factor g
10	c4kj12_	Alignment		99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** control of ribosomal subunit rotation by elongation factor g
11	c3j7z2_	Alignment		99.9	55	**PDB header:**ribosome/antibiotic **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** structure of the e. coli 50s subunit with ermcl nascent chain

12	c4tpd2_	Alignment		99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to flopristin and2 linopristin. this file contains the 50s subunit of the first 70s3 ribosome with flopristin and linopristin bound.
13	c4too2_	Alignment		99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to linopristin. this2 file contains the 50s subunit of the second 70s ribosome with3 linopristin bound.
14	c4kiz2_	Alignment		99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** control of ribosomal subunit rotation by elongation factor g
15	c4kix2_	Alignment		99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** control of ribosomal subunit rotation by elongation factor g
16	c4uy82_	Alignment		99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDB Fragment:**residues 5-24; **PDBTitle:** molecular basis for the ribosome functioning as a l-tryptophan sensor2 - cryo-em structure of a tnac stalled e.coli ribosome
17	c3j5o2_	Alignment		99.9	55	**PDB header:**ribosome/translation **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** visualization of two trnas trapped in transit during ef-g-mediated2 translocation (50s subunit)
18	c4tp12_	Alignment		99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to dalfopristin. this2 file contains the 50s subunit of the first 70s ribosome with3 dalfopristin bound.
19	c6i0y2_	Alignment		99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** tnac-stalled ribosome complex with the titin i27 domain folding close2 to the ribosomal exit tunnel
20	c4gar2_	Alignment		99.9	55	**PDB header:**ribosome/antibiotic **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** allosteric control of the ribosome by small-molecule antibiotics
21	c6gc42_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** 50s ribosomal subunit assembly intermediate state 3
22	c6quld_	Alignment	not modelled	99.9	55	**PDB header:**antibiotic **Chain:** D: **PDB Molecule:**50s ribosomal protein l3; **PDBTitle:** structure of a bacterial 50s ribosomal subunit in complex with the2 novel quinoxolidinone antibiotic cadazolid
23	c6gc62_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** 50s ribosomal subunit assembly intermediate state 2
24	c6gc82_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** 50s ribosomal subunit assembly intermediate - 50s rec*
25	c3sgf6_	Alignment	not modelled	99.9	55	**PDB header:**ribosome/antibiotic **Chain:** 6: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of release factor rf3 trapped in the gtp state on a2 rotated conformation of the ribosome
26	c3uos6_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 6: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of release factor rf3 trapped in the gtp state on a2 rotated conformation of the ribosome (without viomycin)
27	c5gahd_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** D: **PDB Molecule:**50s ribosomal protein l3; **PDBTitle:** rnc in complex with srp with detached ng domain
28	c3j192_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** structure of the bacterial ribosome complexed by tmrna-smpb and ef-g2 during translocation and mld-loading (50s subunit)
29	c3i1r2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli 70s ribosome in an

						intermediate state2 of ratcheting
30	c5gadd_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** D: **PDB Molecule:**50s ribosomal protein l3; **PDBTitle:** rnc-srp-sr complex early state
31	c5gafd_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** D: **PDB Molecule:**50s ribosomal protein l3; **PDBTitle:** rnc in complex with srp
32	c3r8s2_	Alignment	not modelled	99.9	55	**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
33	c4peb2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to quinupristin. this2 file contains the 50s subunit of the first 70s ribosome with3 quinupristin bound.
34	c4tom2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to linopristin. this2 file contains the 50s subunit of the first 70s ribosome with3 linopristin bound.
35	c3r8t2_	Alignment	not modelled	99.9	55	**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
36	c4gau2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome/antibiotic **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** allosteric control of the ribosome by small-molecule antibiotics
37	c3i202_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli 70s ribosome in an intermediate state2 of ratcheting
38	c5gaed_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** D: **PDB Molecule:**50s ribosomal protein l3; **PDBTitle:** rnc in complex with a translocating secyeg
39	c4kj92_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** control of ribosomal subunit rotation by elongation factor g
40	c4kjb2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** control of ribosomal subunit rotation by elongation factor g
41	c3j522_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l32; **PDBTitle:** e. coli 70s-fmetval-trnaval-trnafmet complex in classic pre-2 translocation state (pre1a, 50s subunit)
42	c6gbz2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** 50s ribosomal subunit assembly intermediate state 5
43	c2qoz2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia coli in2 complex with spectinomycin and neomycin. this file contains the 50s3 subunit of the first 70s ribosome, with neomycin bound. the entire4 crystal structure contains two 70s ribosomes.
44	c2qp12_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia coli in2 complex with spectinomycin and neomycin. this file contains the 50s3 subunit of the second 70s ribosome, with neomycin bound. the entire4 crystal structure contains two 70s ribosomes.
45	c3izue_	Alignment	not modelled	99.9	55	**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
46	c3izte_	Alignment	not modelled	99.9	55	**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.
47	c4kj52_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** control of ribosomal subunit rotation by elongation factor g
48	c4kj72_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** control of ribosomal subunit rotation by elongation factor g
49	c3j5a2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** e. coli 70s-fmetval-trnaval-trnafmet complex in classic post-2 translocation state (post1, 50s subunit)
50	c3j5l2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome/antibiotic **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** structure of the e. coli 50s subunit with ermbl nascent chain
51	c4tp52_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to virginiamycin m1.2 this file contains the 50s subunit of the first 70s ribosome with3 virginiamycin m1 bound.
52	c3j5c2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** e. coli 70s-fmetval-trnaval-trnafmet complex in intermediate post-2 translocation state (post2a, 50s subunit)

53	c3j377_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 7: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** tetracycline resistance protein tet(o) bound to the ribosome
54	c2qam2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia coli in2 complex with neomycin. this file contains the 50s subunit of the3 first 70s ribosome, with neomycin bound. the entire crystal structure4 contains two 70s ribosomes and is described in remark 400.
55	c2z4l2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia coli in2 complex with paromomycin and ribosome recycling factor (rrf). this3 file contains the 50s subunit of the first 70s ribosome, with4 paromomycin and rrf bound. the entire crystal structure contains two5 70s ribosomes and is described in remark 400.
56	c2z4n2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia coli in2 complex with paromomycin and ribosome recycling factor (rrf). this3 file contains the 50s subunit of the second 70s ribosome, with4 paromomycin and rrf bound. the entire crystal structure contains two5 70s ribosomes and is described in remark 400.
57	c2qbc2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia coli in2 complex with gentamicin. this file contains the 50s subunit of the3 second 70s ribosome, with gentamicin bound. the entire crystal4 structure contains two 70s ribosomes and is described in remark 400.
58	c2qao2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia coli in2 complex with neomycin. this file contains the 50s subunit of the3 second 70s ribosome, with neomycin bound. the entire crystal4 structure contains two 70s ribosomes and is described in remark 400.
59	c2qba2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia coli in2 complex with gentamicin. this file contains the 50s subunit of the3 first 70s ribosome, with gentamicin bound. the entire crystal4 structure contains two 70s ribosomes and is described in remark 400.
60	c4tox2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to flopristin. this2 file contains the 50s subunit of the second 70s ribosome with3 flopristin bound.
61	c4tov2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to flopristin. this2 file contains the 50s subunit of the first 70s ribosome with3 flopristin bound.
62	c4pec2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to quinupristin. this2 file contains the 50s subunit of the second 70s ribosome with3 quinupristin bound.
63	c2qbe2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia coli in2 complex with ribosome recycling factor (rrf). this file contains the3 50s subunit of the first 70s ribosome, with rrf bound. the entire4 crystal structure contains two 70s ribosomes and is described in5 remark 400.
64	c2qbg2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia coli in2 complex with ribosome recycling factor (rrf). this file contains the3 50s subunit of the second 70s ribosome, with rrf bound. the entire4 crystal structure contains two 70s ribosomes and is described in5 remark 400.
65	c4tp72_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to virginiamycin m1.2 this file contains the 50s subunit of the second 70s ribosome with3 virginiamycin m1 bound.
66	c6gc72_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** 50s ribosomal subunit assembly intermediate state 1
67	c3i1n2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli 70s ribosome in an intermediate state2 of ratcheting
68	c5gagd_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** D: **PDB Molecule:**50s ribosomal protein l3; **PDBTitle:** rnc in complex with srp-sr in the closed state
69	c3j5k2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** e. coli 70s-fmetval-trnaval post-translocation complex (post4, 50s2 subunit)
70	c6gc02_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** 50s ribosomal subunit assembly intermediate state 4
71	c3i0y5_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 5: **PDB Molecule:**50s ribosomal protein l34;

71	c3j0y3_	Alignment	not modelled	99.9	55	**PDBTitle:** structural characterization of mrna-trna translocation intermediates2 (50s ribosome of class 4b of the six classes)
72	c3j115_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 5: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** structural characterization of mrna-trna translocation intermediates2 (50s ribosome of class 3 of the six classes)
73	c3j125_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 5: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** structural characterization of mrna-trna translocation intermediates2 (50s ribosome of class 5 of the six classes)
74	c4tpb2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to dalfopristin and2 quinupristin. this file contains the 50s subunit of the second 70s3 ribosome with dalfopristin and quinupristin bound.
75	c3j0t5_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 5: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** structural characterization of mrna-trna translocation intermediates2 (50s ribosome of class2 of the six classes)
76	c4tpf2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to flopristin and2 linopristin. this file contains the 50s subunit of the second 70s3 ribosome with flopristin and linopristin bound.
77	c3j5g2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** e. coli 70s-fmetval-trnaval-trnafmet complex in intermediate post-2 translocation state (post3a, 50s subunit)
78	c3j562_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** e. coli 70s-fmetval-trnaval-trnafmet complex in hybrid pre-2 translocation state (pre5a, 50s subunit)
79	c3j5w6_	Alignment	not modelled	99.9	55	**PDB header:**translation **Chain:** 6: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** structure of the ribosome with elongation factor g trapped in the pre-2 translocation state (pre-translocation 70s*trna*ef-g structure, 50s3 subunit)
80	c3j5u5_	Alignment	not modelled	99.9	55	**PDB header:**translation **Chain:** 5: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** structure of the ribosome with elongation factor g trapped in the pre-2 translocation state (pre-translocation 70s*trna structure, 50s3 subunit)
81	c3j5e2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** e. coli 70s-fmetval-trnaval-trnafmet complex in intermediate post-2 translocation state (post2b, 50s subunit)
82	c3df42_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia coli in2 complex with hygromycin b. this file contains the 50s subunit of the3 second 70s ribosome. the entire crystal structure contains two 70s4 ribosomes.
83	c3df22_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia coli in2 complex with hygromycin b. this file contains the 50s subunit of the3 first 70s ribosome. the entire crystal structure contains two 70s4 ribosomes.
84	c2qbi2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia coli in2 complex with gentamicin and ribosome recycling factor (rrf). this3 file contains the 50s subunit of the first 70s ribosome, with4 gentamicin and rrf bound. the entire crystal structure contains two5 70s ribosomes and is described in remark 400.
85	c2qbk2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia coli in2 complex with gentamicin and ribosome recycling factor (rrf). this3 file contains the 50s subunit of the second 70s ribosome, with4 gentamicin and rrf bound. the entire crystal structure contains two5 70s ribosomes and is described in remark 400.
86	c3j145_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 5: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** structural characterization of mrna-trna translocation intermediates2 (50s ribosome of class 6 of the six classes)
87	c2qov2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia coli in2 complex with spectinomycin. this file contains the 50s subunit of the3 first 70s ribosome. the entire crystal structure contains two 70s4 ribosomes.
88	c2qox2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia coli in2 complex with spectinomycin. this file contains the 50s subunit of the3 second 70s ribosome. the entire crystal structure contains two 70s4 ribosomes.
89	c3j0w5_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 5: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** structural characterization of mrna-trna translocation intermediates2 (50s ribosome of class 4a of the six classes)
90	c3j502_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** e. coli 70s-fmetval-trnaval-trnafmet complex in intermediate pre-2 translocation state (pre2, 50s subunit)
91	c3e1dV_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** V: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** structure of the 50s subunit of e. coli ribosome in post-accommodation2 state
						PDB header:ribosome

92	c4csu6_	Alignment	not modelled	99.9	55	**Chain:** 6: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** cryo-em structures of the 50s ribosome subunit bound with obge
93	c3j4x2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** e. coli 70s-fmetval-trnaval-trnafmet complex in classic pre-2 translocation state (pre1b, 50s subunit)
94	c3j542_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** e. coli 70s-fmetval-trnaval-trnafmet complex in hybrid pre-2 translocation state (pre4, 50s subunit)
95	c3j512_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** e. coli 70s-fmetval-trnaval-trnafmet complex in intermediate pre-2 translocation state (pre3, 50s subunit)
96	c1sm12_	Alignment	not modelled	99.9	62	**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
97	c5ady2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** cryo-em structures of the 50s ribosome subunit bound with hflx
98	c3i1p2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli 70s ribosome in an intermediate state2 of ratcheting
99	c3j8g6_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 6: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** electron cryo-microscopy structure of enga bound with the 50s2 ribosomal subunit
100	c3i1t2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli 70s ribosome in an intermediate state2 of ratcheting
101	c2vhm2_	Alignment	not modelled	99.9	55	**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)
102	c5aka2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** em structure of ribosome-srp-ftsy complex in closed state
103	c3bbx2_	Alignment	not modelled	99.9	55	**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
104	c2aw42_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia coli at2 3.5 a resolution. this file contains the 50s subunit of one 70s3 ribosome. the entire crystal structure contains two 70s ribosomes and4 is described in remark 400.
105	c1vs62_	Alignment	not modelled	99.9	55	**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.
106	c3e1bV_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** V: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** structure of the 50s subunit of e. coli ribosome in pre-accommodation2 state
107	c2vhn2_	Alignment	not modelled	99.9	55	**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)
108	c2i2t2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of ribosome with messenger rna and the anticodon2 stem-loop of p-site trna. this file contains the 50s subunit of one3 70s ribosome. the entire crystal structure contains two 70s ribosomes4 and is described in remark 400.
109	c2i2v2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of ribosome with messenger rna and the anticodon2 stem-loop of p-site trna. this file contains the 50s subunit of one3 70s ribosome. the entire crystal structure contains two 70s ribosomes4 and is described in remark 400.
110	c2wwq6_	Alignment	not modelled	99.9	55	**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).
111	c3j012_	Alignment	not modelled	99.9	55	**PDB header:**ribosome/ribosomal protein **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** structure of the ribosome-secye complex in the membrane environment
112	c4war2_	Alignment	not modelled	99.9	55	**PDB header:**ribosome/antibiotic **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli ribosome bound to negamycin. this2 file contains the 50s subunit of the second 70s ribosome.
113	c2awb2_	Alignment	not modelled	99.8	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the bacterial ribosome from escherichia coli at2 3.5 a resolution. this file contains the 50s subunit of the second3 70s ribosome. the entire crystal structure contains two 70s ribosomes4 and is described in remark 400.
114	c2j282_	Alignment	not modelled	99.8	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** model of e. coli srp bound to 70s rncs

115	c2rdo2_	Alignment	not modelled	99.8	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** 50s subunit with ef-g(gdpnp) and rrf bound
116	c3i222_	Alignment	not modelled	99.8	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** crystal structure of the e. coli 70s ribosome in an intermediate state2 of ratcheting
117	c1vs82_	Alignment	not modelled	99.8	55	**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.
118	c3fik2_	Alignment	not modelled	99.8	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** ternary complex-bound e.coli 70s ribosome. this entry consists of the2 50s subunit.
119	c3kcr2_	Alignment	not modelled	99.8	55	**PDB header:**ribosome **Chain:** 2: **PDB Molecule:**50s ribosomal protein l34; **PDBTitle:** ribosome-secy complex. this entry 3kcr contains 50s ribosomal subnit.2 the 30s ribosomal subunit can be found in pdb entry 3kc4
120	c3ofc2_	Alignment	not modelled	99.8	55	**PDB header:**ribosome/antibiotic **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.