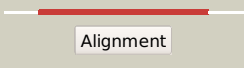
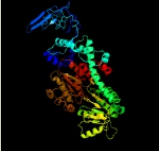
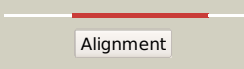

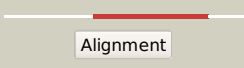

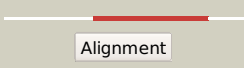

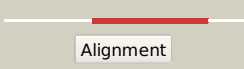
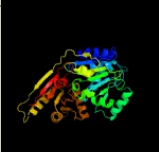
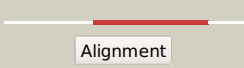
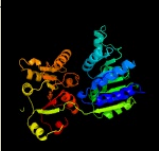
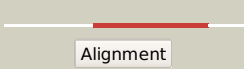

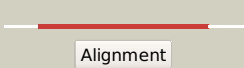

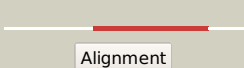

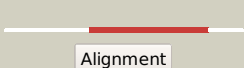

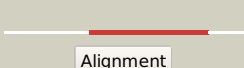
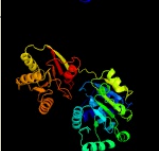

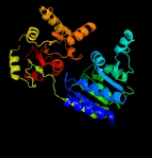



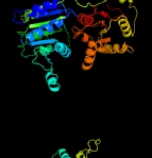
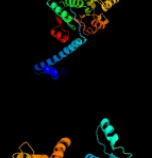
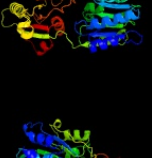
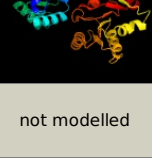


Phyre2

Email mdejesus@rockefeller.edu
 Description RVBD2973c_(recG)_3327743_3329956
 Date Thu Aug 8 16:20:13 BST 2019
 Unique Job ID 6556d1af3b52cbdd

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1gm5A_	 Alignment		100.0	35	PDB header: helicase Chain: A: PDB Molecule: recg; PDBTitle: structure of recg bound to three-way dna junction
2	c2eyqA_	 Alignment		100.0	33	PDB header: hydrolase Chain: A: PDB Molecule: transcription-repair coupling factor; PDBTitle: crystal structure of escherichia coli transcription-repair2 coupling factor
3	c5m52B_	 Alignment		100.0	24	PDB header: hydrolase Chain: B: PDB Molecule: pre-mrna-splicing helicase brr2; PDBTitle: crystal structure of yeast brr2 full-length in complex with prp8 jab12 domain
4	c6iehB_	 Alignment		100.0	21	PDB header: rna binding protein Chain: B: PDB Molecule: exosome rna helicase mtr4; PDBTitle: crystal structures of the hmtr4-nrde2 complex
5	c5v9xA_	 Alignment		100.0	22	PDB header: hydrolase/dna Chain: A: PDB Molecule: atp-dependent dna helicase; PDBTitle: structure of mycobacterium smegmatis helicase lhr bound to ssdna and2 amp-pnp
6	c4xqtA_	 Alignment		100.0	19	PDB header: hydrolase Chain: A: PDB Molecule: frq-interacting rna helicase; PDBTitle: structure of rna helicase frh a critical component of the neurospora2 crassa circadian clock
7	c2xgiA_	 Alignment		100.0	19	PDB header: hydrolase/rna Chain: A: PDB Molecule: atp-dependent rna helicase dob1; PDBTitle: structure of mtr4, a dexh helicase involved in nuclear rna2 processing and surveillance
8	c4nl4H_	 Alignment		100.0	21	PDB header: dna binding protein Chain: H: PDB Molecule: primosome assembly protein pria; PDBTitle: pria helicase bound to adp
9	c6c90A_	 Alignment		100.0	21	PDB header: hydrolase/rna binding protein Chain: A: PDB Molecule: exosome rna helicase mtr4,exosome rna helicase mtr4; PDBTitle: human mtr4 helicase in complex with zcchc8-ctd
10	c4cdgA_	 Alignment		100.0	17	PDB header: hydrolase Chain: A: PDB Molecule: bloom syndrome protein; PDBTitle: crystal structure of the bloom's syndrome helicase blm in complex with2 nanobody
11	c2v1xB_	 Alignment		100.0	19	PDB header: hydrolase Chain: B: PDB Molecule: atp-dependent dna helicase q1; PDBTitle: crystal structure of human recq-like dna helicase

12	c5dcaA	Alignment		100.0	23	PDB header: hydrolase Chain: A; PDB Molecule: pre-mrna-splicing helicase brr2; PDBTitle: crystal structure of yeast full length brr2 in complex with prp8 jab12 domain
13	c6iegA	Alignment		100.0	20	PDB header: rna binding protein Chain: A; PDB Molecule: exosome rna helicase mtr4; PDBTitle: crystal structure of human mtr4
14	c6ah0D	Alignment		100.0	22	PDB header: splicing Chain: D; PDB Molecule: u5 small nuclear ribonucleoprotein 200 kda helicase; PDBTitle: the cryo-em structure of the precursor of human pre-catalytic2 spliceosome (pre-b complex)
15	c51stA	Alignment		100.0	19	PDB header: hydrolase Chain: A; PDB Molecule: atp-dependent dna helicase q4; PDBTitle: crystal structure of the human recq4 helicase.
16	c4buja	Alignment		100.0	21	PDB header: hydrolase Chain: A; PDB Molecule: antiviral helicase ski2; PDBTitle: crystal structure of the s. cerevisiae ski2-3-8 complex
17	c4a4zA	Alignment		100.0	21	PDB header: hydrolase Chain: A; PDB Molecule: antiviral helicase ski2; PDBTitle: crystal structure of the s. cerevisiae dexh helicase ski2 bound to2 amppnp
18	d1gm5a3	Alignment		100.0	41	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Tandem AAA-ATPase domain
19	c3l9oA	Alignment		100.0	18	PDB header: hydrolase Chain: A; PDB Molecule: atp-dependent rna helicase dob1; PDBTitle: crystal structure of mtr4, a co-factor of the nuclear exosome
20	c1oywA	Alignment		100.0	21	PDB header: hydrolase Chain: A; PDB Molecule: atp-dependent dna helicase; PDBTitle: structure of the recq catalytic core
21	c5lqwC	Alignment	not modelled	100.0	24	PDB header: splicing Chain: C; PDB Molecule: pre-mrna-splicing helicase brr2; PDBTitle: yeast activated spliceosome
22	c4ddvA	Alignment	not modelled	100.0	18	PDB header: hydrolase Chain: A; PDB Molecule: reverse gyrase; PDBTitle: thermotoga maritima reverse gyrase, triclinic form
23	c4q47A	Alignment	not modelled	100.0	18	PDB header: dna binding protein Chain: A; PDB Molecule: dna helicase recq; PDBTitle: structure of the drrecq catalytic core in complex with adp
24	c4bgdA	Alignment	not modelled	100.0	23	PDB header: transcription Chain: A; PDB Molecule: pre-mrna-splicing helicase brr2; PDBTitle: crystal structure of brr2 in complex with the jab1/mpn domain of prp8
25	c4f92B	Alignment	not modelled	100.0	22	PDB header: hydrolase Chain: B; PDB Molecule: u5 small nuclear ribonucleoprotein 200 kda helicase; PDBTitle: brr2 helicase region s1087l
26	c5agaA	Alignment	not modelled	100.0	23	PDB header: transferase Chain: A; PDB Molecule: dna polymerase theta; PDBTitle: crystal structure of the helicase domain of human dna2 polymerase theta in complex with amppnp
27	c1ql9B	Alignment	not modelled	100.0	18	PDB header: topoisomerase Chain: B; PDB Molecule: reverse gyrase; PDBTitle: archaeoglobus fulgidus reverse gyrase complexed with adpnp
28	c5m59C	Alignment	not modelled	100.0	21	PDB header: splicing Chain: C; PDB Molecule: pre-mrna splicing helicase-like protein; PDBTitle: crystal structure of chaetomium thermophilum brr2 helicase core in2 complex with prp8 jab1 domain
						PDB header: splicing

29	c3jcrC	Alignment	not modelled	100.0	22	Chain: C; PDB Molecule: hbrr2; PDBTitle: 3d structure determination of the human* <i>u4/u6.u5*</i> tri-snnp complex
30	c3bxzA	Alignment	not modelled	100.0	19	PDB header: transport protein Chain: A; PDB Molecule: preprotein translocase subunit seca; PDBTitle: crystal structure of the isolated dead motor domains from escherichia2 coli seca
31	c4llyA	Alignment	not modelled	100.0	20	PDB header: hydrolase Chain: A; PDB Molecule: pre-mrna-processing atp-dependent rna helicase prp5; PDBTitle: crystal structure of rna splicing effector prp5 in complex with adp
32	c2va8A	Alignment	not modelled	100.0	20	PDB header: hydrolase Chain: A; PDB Molecule: ski2-type helicase; PDBTitle: dna repair helicase hel308
33	c3rc8A	Alignment	not modelled	100.0	16	PDB header: hydrolase/rna Chain: A; PDB Molecule: atp-dependent rna helicase supv31, mitochondrial; PDBTitle: human mitochondrial helicase suv3 in complex with short rna fragment
34	c6ro4A	Alignment	not modelled	100.0	16	PDB header: translocase Chain: A; PDB Molecule: general transcription and dna repair factor iih helicase PDBTitle: structure of the core tfiih-xpa-dna complex
35	c5jb2A	Alignment	not modelled	100.0	23	PDB header: immune system Chain: A; PDB Molecule: lgp2; PDBTitle: crystal structure of chicken lgp2 with 5'ppp 10-mer dsrna and adp-2 alf4-mg2+ at 2.2 a resolution.
36	c5lb5C	Alignment	not modelled	100.0	21	PDB header: hydrolase Chain: C; PDB Molecule: atp-dependent dna helicase q5; PDBTitle: crystal structure of human recq5 helicase in complex with adp/mg2 (tricolinc form).
37	c4w7sA	Alignment	not modelled	100.0	17	PDB header: hydrolase Chain: A; PDB Molecule: pre-mrna-splicing atp-dependent rna helicase prp28; PDBTitle: crystal structure of the yeast dead-box splicing factor prp28 at 2.542 angstroms resolution
38	c4nl8E	Alignment	not modelled	100.0	22	PDB header: dna binding protein Chain: E; PDB Molecule: primosome assembly protein pria; PDBTitle: pria helicase bound to ssb c-terminal tail peptide
39	c2zj8A	Alignment	not modelled	100.0	22	PDB header: hydrolase Chain: A; PDB Molecule: putative ski2-type helicase; PDBTitle: archaeal dna helicase hjm apo state in form 2
40	c2zj2A	Alignment	not modelled	100.0	21	PDB header: hydrolase Chain: A; PDB Molecule: putative ski2-type helicase; PDBTitle: archaeal dna helicase hjm apo state in form 1
41	c6f4aB	Alignment	not modelled	100.0	21	PDB header: hydrolase Chain: B; PDB Molecule: suv3 helicase; PDBTitle: yeast mitochondrial rna degradosome complex mtexo
42	c2p6uA	Alignment	not modelled	100.0	22	PDB header: dna binding protein Chain: A; PDB Molecule: afuhel308 helicase; PDBTitle: apo structure of the hel308 superfamily 2 helicase
43	c5jcfB	Alignment	not modelled	100.0	22	PDB header: immune system Chain: B; PDB Molecule: melanoma differentiation associated protein-5; PDBTitle: crystal structure of chicken mda5 with 5'p 10-mer dsrna and adp-mg2+2 at 2.6 a resolution (orthorhombic form).
44	c3i5yA	Alignment	not modelled	100.0	18	PDB header: hydrolase/rna Chain: A; PDB Molecule: atp-dependent rna helicase mss116; PDBTitle: structure of mss116p bound to ssrna containing a single 5-bru and amp-2 pnp
45	c4pxaA	Alignment	not modelled	100.0	20	PDB header: translation, rna binding protein Chain: A; PDB Molecule: atp-dependent rna helicase ddx3x; PDBTitle: dead-box rna helicase ddx3x cancer-associated mutant d354v
46	c2db3D	Alignment	not modelled	100.0	19	PDB header: hydrolase/rna Chain: D; PDB Molecule: atp-dependent rna helicase vasa; PDBTitle: structural basis for rna unwinding by the dead-box protein2 drosophila vasa
47	c5zamA	Alignment	not modelled	100.0	19	PDB header: hydrolase/protein binding/rna Chain: A; PDB Molecule: endoribonuclease dicer; PDBTitle: cryo-em structure of human dicer and its complexes with a pre-mirna2 substrate
48	c4cbmA	Alignment	not modelled	100.0	21	PDB header: hydrolase Chain: A; PDB Molecule: serine protease ns3; PDBTitle: pestivirus ns3 helicase
49	c3tmiA	Alignment	not modelled	100.0	19	PDB header: hydrolase/rna Chain: A; PDB Molecule: atp-dependent rna helicase ddx58; PDBTitle: structural basis for rna recognition and activation of rig-i
50	c6hegA	Alignment	not modelled	100.0	19	PDB header: hydrolase Chain: A; PDB Molecule: atp-dependent rna helicase hrpb; PDBTitle: crystal structure of escherichia coli deah/rha helicase hrpb
51	c4gl2A	Alignment	not modelled	100.0	21	PDB header: rna binding protein/rna Chain: A; PDB Molecule: interferon-induced helicase c domain-containing protein 1; PDBTitle: structural basis for dsrna duplex backbone recognition by mda5
52	c6iczY	Alignment	not modelled	100.0	17	PDB header: splicing Chain: Y; PDB Molecule: atp-dependent rna helicase dhx8; PDBTitle: cryo-em structure of a human post-catalytic spliceosome (p complex) at2 3.0 angstrom
53	c1c4oA	Alignment	not modelled	100.0	23	PDB header: replication Chain: A; PDB Molecule: dna nucleotide excision repair enzyme uvrB; PDBTitle: crystal structure of the dna nucleotide excision repair enzyme uvrB2 from thermus thermophilus

54	c3kx2A	Alignment	not modelled	100.0	18	PDB header: hydrolase Chain: A: PDB Molecule: pre-mrna-splicing factor atp-dependent rna helicase prp43; PDBTitle: crystal structure of prp43p in complex with adp
55	c4d25A	Alignment	not modelled	100.0	19	PDB header: hydrolase Chain: A: PDB Molecule: bmvlg protein; PDBTitle: crystal structure of the bombyx mori vasa helicase (e339q)2 in complex with rna and amppnp
56	c4xqkB	Alignment	not modelled	100.0	16	PDB header: hydrolase/dna Chain: B: PDB Molecule: llabiii; PDBTitle: atp-dependent type isp restriction-modification enzyme llabiii bound2 to dna
57	c1hv8B	Alignment	not modelled	100.0	18	PDB header: rna binding protein Chain: B: PDB Molecule: putative atp-dependent rna helicase mj0669; PDBTitle: crystal structure of a dead box protein from the2 hyperthermophile methanococcus jannaschii
58	c6nmiA	Alignment	not modelled	100.0	17	PDB header: transcription Chain: A: PDB Molecule: general transcription and dna repair factor iih helicase PDBTitle: cryo-em structure of the human tfiih core complex
59	c6jdeB	Alignment	not modelled	100.0	21	PDB header: hydrolase Chain: B: PDB Molecule: putative dna repair helicase radd; PDBTitle: crystal structure of a dna repair protein
60	c3ewsA	Alignment	not modelled	100.0	21	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent rna helicase ddx19b; PDBTitle: human dead-box rna-helicase ddx19 in complex with adp
61	c2vbcA	Alignment	not modelled	100.0	17	PDB header: hydrolase Chain: A: PDB Molecule: dengue 4 ns3 full-length protein; PDBTitle: crystal structure of the ns3 protease-helicase from dengue2 virus
62	c5wsge	Alignment	not modelled	100.0	16	PDB header: rna binding protein/rna Chain: E: PDB Molecule: saccharomyces cerevisiae s288c snr6 snrna; PDBTitle: cryo-em structure of the catalytic step ii spliceosome (c* complex) at2 4.0 angstrom resolution
63	c6fa5A	Alignment	not modelled	100.0	17	PDB header: hydrolase Chain: A: PDB Molecule: putative mrna splicing factor; PDBTitle: crystal structure of the deah-box helicase prp2 in complex with adp
64	c2jlrA	Alignment	not modelled	100.0	19	PDB header: hydrolase Chain: A: PDB Molecule: serine protease subunit ns3; PDBTitle: dengue virus 4 ns3 helicase in complex with amppnp
65	c3oiyB	Alignment	not modelled	100.0	16	PDB header: isomerase Chain: B: PDB Molecule: reverse gyrase helicase domain; PDBTitle: helicase domain of reverse gyrase from thermotoga maritima
66	c5mq0V	Alignment	not modelled	100.0	17	PDB header: splicing Chain: V: PDB Molecule: pre-mrna-splicing factor atp-dependent rna helicase prp22; PDBTitle: structure of a spliceosome remodeled for exon ligation
67	c6h57A	Alignment	not modelled	100.0	16	PDB header: hydrolase Chain: A: PDB Molecule: probable atp-dependent rna helicase dhr1; PDBTitle: crystal structure of s. cerevisiae deah-box rna helicase dhr1,2 essential for small ribosomal subunit biogenesis
68	c2ocaA	Alignment	not modelled	100.0	14	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent dna helicase uvsw; PDBTitle: the crystal structure of t4 uvsw
69	c2fsgA	Alignment	not modelled	100.0	18	PDB header: protein transport Chain: A: PDB Molecule: preprotein translocase seca subunit; PDBTitle: complex seca:atp from escherichia coli
70	c5mqfq	Alignment	not modelled	100.0	17	PDB header: splicing Chain: Q: PDB Molecule: protein bud31 homolog; PDBTitle: cryo-em structure of a human spliceosome activated for step 2 of2 splicing (c* complex)
71	c5jvwV	Alignment	not modelled	100.0	19	PDB header: transcription/dna Chain: V: PDB Molecule: tfiih basal transcription factor complex helicase xpb PDBTitle: human core tfiih bound to dna within the pic
72	c5fmf1	Alignment	not modelled	100.0	16	PDB header: transcription Chain: 1: PDB Molecule: dna repair helicase rad25, ssl2; PDBTitle: the p-lobe of rna polymerase ii pre-initiation complex
73	c1s2mA	Alignment	not modelled	100.0	18	PDB header: rna binding protein Chain: A: PDB Molecule: putative atp-dependent rna helicase dhh1; PDBTitle: crystal structure of the dead box protein dhh1p
74	c5ylzW	Alignment	not modelled	100.0	17	PDB header: splicing Chain: W: PDB Molecule: pre-mrna-splicing factor atp-dependent rna helicase prp22; PDBTitle: cryo-em structure of the post-catalytic spliceosome from saccharomyces2 cerevisiae at 3.6 angstrom
75	c5dtuA	Alignment	not modelled	100.0	20	PDB header: hydrolase Chain: A: PDB Molecule: prp28; PDBTitle: crystal structure of the rna-helicase prp28 from chaetomium2 thermophilum bound to adp
76	c6c0fp	Alignment	not modelled	100.0	18	PDB header: ribosome Chain: P: PDB Molecule: 60s ribosomal protein l17-a; PDBTitle: yeast nucleolar pre-60s ribosomal subunit (state 2)
77	c5z58x	Alignment	not modelled	100.0	17	PDB header: splicing Chain: X: PDB Molecule: smad nuclear-interacting protein 1; PDBTitle: cryo-em structure of a human activated spliceosome (early bact) at 4.92 angstrom.
78	c3fhtA	Alignment	not modelled	100.0	21	PDB header: hydrolase/rna Chain: A: PDB Molecule: atp-dependent rna helicase ddx19b; PDBTitle: crystal structure of human dbp5 in complex with amppnp and rna
79	d2eyqa5	Alignment	not modelled	100.0	36	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases

					Family: Tandem AAA-ATPase domain
80	d2eyqa3	Alignment	not modelled	100.0	32 Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Tandem AAA-ATPase domain
81	c5supB	Alignment	not modelled	100.0	17 PDB header: hydrolase/rna Chain: B: PDB Molecule: atp-dependent rna helicase sub2; PDBTitle: structure of mrna export factors
82	c5lqwO	Alignment	not modelled	100.0	15 PDB header: splicing Chain: O: PDB Molecule: pre-mrna-splicing factor atp-dependent rna helicase-like PDBTitle: yeast activated spliceosome
83	c1ymfA	Alignment	not modelled	100.0	22 PDB header: hydrolase Chain: A: PDB Molecule: genome polyprotein [contains: flavivirin protease ns3 PDBTitle: crystal structure of yellow fever virus ns3 helicase complexed with2 adp
84	c4qqxA	Alignment	not modelled	100.0	19 PDB header: hydrolase/dna Chain: A: PDB Molecule: crispr-associated helicase, cas3 family; PDBTitle: crystal structure of t. fusca cas3-atp
85	c1xtkA	Alignment	not modelled	100.0	15 PDB header: gene regulation Chain: A: PDB Molecule: probable atp-dependent rna helicase p47; PDBTitle: structure of decd to dead mutation of human uap56
86	c5n8zA	Alignment	not modelled	100.0	19 PDB header: hydrolase Chain: A: PDB Molecule: cg9323, isoform a; PDBTitle: crystal structure of drosophila dhx36 helicase in complex with2 ctctccctt
87	c4ct4B	Alignment	not modelled	100.0	17 PDB header: rna binding protein Chain: B: PDB Molecule: probable atp-dependent rna helicase ddx6; PDBTitle: cnot1 mif4g domain - ddx6 complex
88	c5lj5Q	Alignment	not modelled	100.0	16 PDB header: splicing Chain: Q: PDB Molecule: pre-mrna-splicing factor atp-dependent rna helicase prp16; PDBTitle: overall structure of the yeast spliceosome immediately after2 branching.
89	c2d7dA	Alignment	not modelled	100.0	18 PDB header: hydrolase/dna Chain: A: PDB Molecule: uvrabc system protein b; PDBTitle: structural insights into the cryptic dna dependent atp-ase2 activity of uvrbc
90	c3pexA	Alignment	not modelled	100.0	21 PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent rna helicase dbp5; PDBTitle: s. cerevisiae dbp5 l327v bound to gle1 h337r and ip6
91	c5vheA	Alignment	not modelled	100.0	17 PDB header: hydrolase Chain: A: PDB Molecule: deah (asp-glu-ala-his) box polypeptide 36; PDBTitle: dhx36 in complex with the c-myc g-quadruplex
92	c2z0mA	Alignment	not modelled	100.0	22 PDB header: rna binding protein Chain: A: PDB Molecule: 337aa long hypothetical atp-dependent rna PDBTitle: crystal structure of hypothetical atp-dependent rna2 helicase from sulfolobus tokodaii
93	c1wp9D	Alignment	not modelled	100.0	19 PDB header: hydrolase Chain: D: PDB Molecule: atp-dependent rna helicase, putative; PDBTitle: crystal structure of pyrococcus furiosus hef helicase domain
94	c4nhoA	Alignment	not modelled	100.0	22 PDB header: hydrolase Chain: A: PDB Molecule: probable atp-dependent rna helicase ddx23; PDBTitle: structure of the spliceosomal dead-box protein prp28
95	c2v6jA	Alignment	not modelled	100.0	21 PDB header: hydrolase Chain: A: PDB Molecule: rna helicase; PDBTitle: kokobera virus helicase: mutant met47thr
96	c5ivIA	Alignment	not modelled	100.0	19 PDB header: hydrolase Chain: A: PDB Molecule: dead-box atp-dependent rna helicase csha; PDBTitle: csha helicase
97	c2wv9A	Alignment	not modelled	100.0	19 PDB header: hydrolase Chain: A: PDB Molecule: flavivirin protease ns2b regulatory subunit, flavivirin PDBTitle: crystal structure of the ns3 protease-helicase from murray2 valley encephalitis virus
98	c5xdrA	Alignment	not modelled	100.0	17 PDB header: hydrolase Chain: A: PDB Molecule: pre-mrna-splicing factor atp-dependent rna helicase dhx15; PDBTitle: crystal structure of human deah-box rna helicase dhx15 in complex with2 adp
99	c5of4A	Alignment	not modelled	100.0	18 PDB header: transcription Chain: A: PDB Molecule: tfiih basal transcription factor complex helicase xpb PDBTitle: the cryo-em structure of human tfiih
100	c6o16A	Alignment	not modelled	100.0	18 PDB header: hydrolase/rna Chain: A: PDB Molecule: deah (asp-glu-ala-his) box polypeptide 37; PDBTitle: crystal structure of murine dhx37 in complex with rna
101	c2fsgB	Alignment	not modelled	100.0	20 PDB header: protein transport Chain: B: PDB Molecule: preprotein translocase seca subunit; PDBTitle: complex seca:atp from escherichia coli
102	c2z83A	Alignment	not modelled	100.0	21 PDB header: viral protein Chain: A: PDB Molecule: helicase/nucleoside triphosphatase; PDBTitle: crystal structure of catalytic domain of japanese2 encephalitis virus ns3 helicase/nucleoside triphosphatase3 at a resolution 1.8
103	c2hxyC	Alignment	not modelled	100.0	20 PDB header: hydrolase Chain: C: PDB Molecule: probable atp-dependent rna helicase ddx48; PDBTitle: crystal structure of human apo-eif4aiii
104	c4kbfA	Alignment	not modelled	100.0	20 PDB header: hydrolase Chain: A: PDB Molecule: heat resistant rna dependent atpase;

104	c4k0IA	Alignment	not modelled	100.0	20	PDBTitle: two different open conformations of the helicase core of the rna2 helicase hera PDB header: hydrolase
105	c4q2dA	Alignment	not modelled	100.0	23	Chain: A; PDB Molecule: crispr-associated helicase cas3; PDBTitle: crystal structure of crispr-associated protein in complex with 2'-2 deoxyadenosine 5'-triphosphate
106	c2i4iA	Alignment	not modelled	100.0	19	PDB header: hydrolase Chain: A; PDB Molecule: atp-dependent rna helicase ddx3x; PDBTitle: crystal structure of human dead-box rna helicase ddx3x
107	c2vsxA	Alignment	not modelled	100.0	18	PDB header: translation/hydrolase Chain: A; PDB Molecule: atp-dependent rna helicase eif4a; PDBTitle: crystal structure of a translation initiation complex
108	c3eiqD	Alignment	not modelled	100.0	15	PDB header: hydrolase/antitumor protein Chain: D; PDB Molecule: eukaryotic initiation factor 4a-i; PDBTitle: crystal structure of pdcd4-eif4a
109	c2fwrA	Alignment	not modelled	100.0	19	PDB header: dna binding protein Chain: A; PDB Molecule: dna repair protein rad25; PDBTitle: structure of archaeoglobus fulgidis xpb
110	c5aorA	Alignment	not modelled	100.0	17	PDB header: hydrolase/rna Chain: A; PDB Molecule: dosage compensation regulator; PDBTitle: structure of mle rna adp alf4 complex
111	d1gm5a4	Alignment	not modelled	100.0	37	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Tandem AAA-ATPase domain
112	c6i3oA	Alignment	not modelled	100.0	17	PDB header: hydrolase Chain: A; PDB Molecule: putative pre-mrna splicing factor; PDBTitle: crystal structure of deah-box atpase prp22
113	c1tf2A	Alignment	not modelled	100.0	21	PDB header: protein transport Chain: A; PDB Molecule: preprotein translocase seca subunit; PDBTitle: crystal structure of seca:adp in an open conformation from2 bacillus subtilis
114	c1a1vA	Alignment	not modelled	100.0	15	PDB header: hydrolase/dna Chain: A; PDB Molecule: protein (ns3 protein); PDBTitle: hepatitis c virus ns3 helicase domain complexed with single2 stranded sdna
115	c5tnuB	Alignment	not modelled	100.0	22	PDB header: transcription Chain: B; PDB Molecule: dna-dependent atpase xpbii; PDBTitle: s. tokodaii xpb ii crystal structure at 3.0 angstrom resolution
116	c5x0yO	Alignment	not modelled	100.0	16	PDB header: structural protein/hydrolase/dna Chain: O; PDB Molecule: transcription regulatory protein snf2; PDBTitle: complex of snf2-nucleosome complex with snf2 bound to shl2 of the2 nucleosome
117	d1gm5a2	Alignment	not modelled	100.0	26	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: RecG "wedge" domain
118	c3dl8B	Alignment	not modelled	100.0	21	PDB header: protein transport Chain: B; PDB Molecule: protein translocase subunit seca; PDBTitle: structure of the complex of aquifex aeolicus secyeg and bacillus2 subtilis seca
119	c3tbkA	Alignment	not modelled	100.0	20	PDB header: hydrolase Chain: A; PDB Molecule: rig-i helicase domain; PDBTitle: mouse rig-i atpase domain
120	c1z3iX	Alignment	not modelled	100.0	17	PDB header: recombination/dna binding Chain: X; PDB Molecule: similar to rad54-like; PDBTitle: structure of the swi2/snf2 chromatin remodeling domain of eukaryotic2 rad54