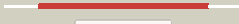



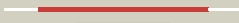














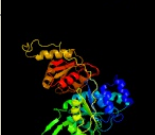













Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD1329c_(dinG)_1497201_1499195
Date	Wed Jul 31 22:05:43 BST 2019
Unique Job ID	c8d70964fc9e3c24

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c6fwsB_	 Alignment		100.0	24	PDB header: dna binding protein Chain: B: PDB Molecule: atp-dependent dna helicase ding; PDBTitle: structure of ding in complex with ssdna and adpbef
2	c6nmiB_	 Alignment		100.0	15	PDB header: transcription Chain: B: PDB Molecule: general transcription and dna repair factor iih helicase PDBTitle: cryo-em structure of the human tfiih core complex
3	c5iy8W_	 Alignment		100.0	15	PDB header: transcription, transferase/dna Chain: W: PDB Molecule: tfiih basal transcription factor complex helicase xpd PDBTitle: human holo-pic in the initial transcribing state
4	c5svaY_	 Alignment		100.0	17	PDB header: transcription, transferase/dna Chain: Y: PDB Molecule: dna repair helicase rad3; PDBTitle: mediator-rna polymerase ii pre-initiation complex
5	c5fmfY_	 Alignment		100.0	17	PDB header: transcription Chain: Y: PDB Molecule: dna repair helicase rad3; PDBTitle: the p-lobe of rna polymerase ii pre-initiation complex
6	c2vsfA_	 Alignment		100.0	18	PDB header: hydrolase Chain: A: PDB Molecule: dna repair helicase rad3 related protein; PDBTitle: structure of xpd from thermoplasma acidophilum
7	c2vl7A_	 Alignment		100.0	19	PDB header: unknown function Chain: A: PDB Molecule: xpd; PDBTitle: structure of s. tokodaii xpd4
8	c3crw1_	 Alignment		100.0	21	PDB header: hydrolase Chain: 1: PDB Molecule: xpd/rad3 related dna helicase; PDBTitle: xpd_apo
9	c2va8A_	 Alignment		99.9	26	PDB header: hydrolase Chain: A: PDB Molecule: ski2-type helicase; PDBTitle: dna repair helicase hel308
10	c5v9xA_	 Alignment		99.9	23	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
11	c5agaA_	 Alignment		99.9	28	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

12	c1oywA	Alignment		99.9	22	PDB header: hydrolase Chain: A; PDB Molecule: atp-dependent dna helicase; PDBTitle: structure of the req catalytic core
13	c5jb2A	Alignment		99.9	17	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.
14	c4ddvA	Alignment		99.9	22	PDB header: hydrolase Chain: A; PDB Molecule: reverse gyrase; PDBTitle: thermotoga maritima reverse gyrase, triclinic form
15	c51stA	Alignment		99.9	21	PDB header: hydrolase Chain: A; PDB Molecule: atp-dependent dna helicase q4; PDBTitle: crystal structure of the human recq14 helicase.
16	c51qwC	Alignment		99.9	23	PDB header: splicing Chain: C; PDB Molecule: pre-mrna-splicing helicase brr2; PDBTitle: yeast activated spliceosome
17	c2v1xB	Alignment		99.9	27	PDB header: hydrolase Chain: B; PDB Molecule: atp-dependent dna helicase q1; PDBTitle: crystal structure of human recq-like dna helicase
18	c2zj8A	Alignment		99.9	21	PDB header: hydrolase Chain: A; PDB Molecule: putative ski2-type helicase; PDBTitle: archaeal dna helicase hjm apo state in form 2
19	c4cdgA	Alignment		99.9	20	PDB header: hydrolase Chain: A; PDB Molecule: bloom syndrome protein; PDBTitle: crystal structure of the bloom's syndrome helicase blm in complex with2 nanobody
20	c2xgjA	Alignment		99.9	23	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
21	c3tmiA	Alignment	not modelled	99.9	15	PDB header: hydrolase/rna Chain: A; PDB Molecule: atp-dependent rna helicase ddx58; PDBTitle: structural basis for rna recognition and activation of rig-i
22	c4bgdA	Alignment	not modelled	99.9	18	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
23	c5dcaA	Alignment	not modelled	99.9	18	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
24	c1c4oA	Alignment	not modelled	99.9	18	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
25	c6iehB	Alignment	not modelled	99.9	22	PDB header: rna binding protein Chain: B; PDB Molecule: exosome rna helicase mtr4; PDBTitle: crystal structures of the hmtr4-nrde2 complex
26	c4w7sA	Alignment	not modelled	99.9	21	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
27	c2p6uA	Alignment	not modelled	99.9	24	PDB header: dna binding protein Chain: A; PDB Molecule: afuHel308 helicase; PDBTitle: apo structure of the hel308 superfamily 2 helicase
28	c4q47A	Alignment	not modelled	99.9	25	PDB header: dna binding protein Chain: A; PDB Molecule: dna helicase recq; PDBTitle: structure of the drrecq catalytic core in complex with adp

29	c5jcfB_	Alignment	not modelled	99.9	17	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).
30	c6c90A_	Alignment	not modelled	99.9	23	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
31	c5m52B_	Alignment	not modelled	99.9	18	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
32	c2zj2A_	Alignment	not modelled	99.9	20	PDB header: hydrolase Chain: A: PDB Molecule: putative ski2-type helicase; PDBTitle: archaeal dna helicase hjm apo state in form 1
33	c6iegA_	Alignment	not modelled	99.9	25	PDB header: rna binding protein Chain: A: PDB Molecule: exosome rna helicase mtr4; PDBTitle: crystal structure of human mtr4
34	c4llyA_	Alignment	not modelled	99.9	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
35	c4gl2A_	Alignment	not modelled	99.9	20	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
36	c1wp9D_	Alignment	not modelled	99.9	21	PDB header: hydrolase Chain: D: PDB Molecule: atp-dependent rna helicase, putative; PDBTitle: crystal structure of pyrococcus furiosus hef helicase domain
37	c1gm5A_	Alignment	not modelled	99.9	22	PDB header: helicase Chain: A: PDB Molecule: recg; PDBTitle: structure of recg bound to three-way dna junction
38	c4f92B_	Alignment	not modelled	99.9	20	PDB header: hydrolase Chain: B: PDB Molecule: u5 small nuclear ribonucleoprotein 200 kda helicase; PDBTitle: brr2 helicase region s1087l
39	c1gl9B_	Alignment	not modelled	99.9	18	PDB header: topoisomerase Chain: B: PDB Molecule: reverse gyrase; PDBTitle: archaeoglobus fulgidus reverse gyrase complexed with adpnp
40	c6ah0D_	Alignment	not modelled	99.9	26	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)
41	c4xgtA_	Alignment	not modelled	99.9	22	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
42	c5lb5C_	Alignment	not modelled	99.8	23	PDB header: hydrolase Chain: C: PDB Molecule: atp-dependent dna helicase q5; PDBTitle: crystal structure of human recq15 helicase in complex with adp/mg2 (triclinic form).
43	c4xqkB_	Alignment	not modelled	99.8	20	PDB header: hydrolase/dna Chain: B: PDB Molecule: llabiii; PDBTitle: atp-dependent type isp restriction-modification enzyme llabiii bound2 to dna
44	c2db3D_	Alignment	not modelled	99.8	26	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
45	c4bujA_	Alignment	not modelled	99.8	21	PDB header: hydrolase Chain: A: PDB Molecule: antiviral helicase ski2; PDBTitle: crystal structure of the s. cerevisiae ski2-3-8 complex
46	c3l9oA_	Alignment	not modelled	99.8	22	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent rna helicase dob1; PDBTitle: crystal structure of mtr4, a co-factor of the nuclear exosome
47	c5m59C_	Alignment	not modelled	99.8	16	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
48	c3ewsA_	Alignment	not modelled	99.8	22	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent rna helicase ddx19b; PDBTitle: human dead-box rna-helicase ddx19 in complex with adp
49	c3oiyB_	Alignment	not modelled	99.8	19	PDB header: isomerase Chain: B: PDB Molecule: reverse gyrase helicase domain; PDBTitle: helicase domain of reverse gyrase from thermotoga maritima
50	c6c0fp_	Alignment	not modelled	99.8	21	PDB header: ribosome Chain: P: PDB Molecule: 60s ribosomal protein l17-a; PDBTitle: yeast nucleolar pre-60s ribosomal subunit (state 2)
51	c3jcrC_	Alignment	not modelled	99.8	26	PDB header: splicing Chain: C: PDB Molecule: hbr22; PDBTitle: 3d structure determination of the human*u4/u6.u5* tri-snrnp complex
52	c3i5yA_	Alignment	not modelled	99.8	19	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
53	c2eygA_	Alignment	not modelled	99.8	20	PDB header: hydrolase Chain: A: PDB Molecule: transcription-repair coupling factor; PDBTitle: crystal structure of escherichia coli transcription-repair2 coupling factor

54	c2jlrA	Alignment	not modelled	99.8	28	PDB header: hydrolase Chain: A: PDB Molecule: serine protease subunit ns3; PDBTitle: dengue virus 4 ns3 helicase in complex with amppnp
55	c4a4zA	Alignment	not modelled	99.8	21	PDB header: hydrolase Chain: A: PDB Molecule: antiviral helicase ski2; PDBTitle: crystal structure of the s. cerevisiae dexh helicase ski2 bound to2 amppnp
56	c2ocaA	Alignment	not modelled	99.8	18	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent dna helicase uvsw; PDBTitle: the crystal structure of t4 uvsw
57	c3bxzA	Alignment	not modelled	99.8	21	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
58	c6jdeB	Alignment	not modelled	99.8	25	PDB header: hydrolase Chain: B: PDB Molecule: putative dna repair helicase radd; PDBTitle: crystal structure of a dna repair protein
59	c4pxaA	Alignment	not modelled	99.8	23	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
60	c4d25A	Alignment	not modelled	99.8	23	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
61	c4qqxA	Alignment	not modelled	99.8	23	PDB header: hydrolase/dna Chain: A: PDB Molecule: crispr-associated helicase, cas3 family; PDBTitle: crystal structure of t. fusca cas3-atp
62	c1hv8B	Alignment	not modelled	99.8	20	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
63	c5zamA	Alignment	not modelled	99.8	17	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
64	c1xtkA	Alignment	not modelled	99.8	17	PDB header: gene regulation Chain: A: PDB Molecule: probable atp-dependent rna helicase p47; PDBTitle: structure of decd to dead mutation of human uap56
65	c2v6jA	Alignment	not modelled	99.8	30	PDB header: hydrolase Chain: A: PDB Molecule: rna helicase; PDBTitle: kokobera virus helicase: mutant met47thr
66	c2d7dA	Alignment	not modelled	99.8	19	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
67	c2z0mA	Alignment	not modelled	99.8	21	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
68	c4ct4B	Alignment	not modelled	99.8	18	PDB header: rna binding protein Chain: B: PDB Molecule: probable atp-dependent rna helicase ddx6; PDBTitle: cnot1 mif4g domain - ddx6 complex
69	c1s2mA	Alignment	not modelled	99.8	16	PDB header: rna binding protein Chain: A: PDB Molecule: putative atp-dependent rna helicase dhh1; PDBTitle: crystal structure of the dead box protein dhh1p
70	c5supB	Alignment	not modelled	99.8	24	PDB header: hydrolase/rna Chain: B: PDB Molecule: atp-dependent rna helicase sub2; PDBTitle: structure of mrna export factors
71	c6hegA	Alignment	not modelled	99.8	19	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent rna helicase hrpb; PDBTitle: crystal structure of escherichia coli deah/rna helicase hrpb
72	c3pexA	Alignment	not modelled	99.7	18	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent rna helicase dbp5; PDBTitle: s. cerevisiae dbp5 l327v bound to gle1 h337r and ip6
73	c2vbcA	Alignment	not modelled	99.7	27	PDB header: hydrolase Chain: A: PDB Molecule: dengue 4 ns3 full-length protein; PDBTitle: crystal structure of the ns3 protease-helicase from dengue2 virus
74	c3fhtA	Alignment	not modelled	99.7	23	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
75	c2fsgA	Alignment	not modelled	99.7	21	PDB header: protein transport Chain: A: PDB Molecule: preprotein translocase seca subunit; PDBTitle: complex seca:atp from escherichia coli
76	c5mq0V	Alignment	not modelled	99.7	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
77	c6nmiA	Alignment	not modelled	99.7	16	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
78	c5ivIA	Alignment	not modelled	99.7	21	PDB header: hydrolase Chain: A: PDB Molecule: dead-box atp-dependent rna helicase csha; PDBTitle: csha helicase
79	c3tbkA	Alignment	not modelled	99.7	15	PDB header: hydrolase Chain: A: PDB Molecule: rig-i helicase domain; PDBTitle: mouse rig-i atpase domain
						PDB header: hydrolase

80	c5dtuA_	Alignment	not modelled	99.7	19	Chain: A: PDB Molecule: prp28; PDBTitle: crystal structure of the rna-helicase prp28 from chaetomium2 thermophilum bound to adp
81	c5ivwV_	Alignment	not modelled	99.7	25	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
82	c2wv9A_	Alignment	not modelled	99.7	27	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
83	c1tf2A_	Alignment	not modelled	99.7	19	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
84	c4nhoA_	Alignment	not modelled	99.7	16	PDB header: hydrolase Chain: A: PDB Molecule: probable atp-dependent rna helicase ddx23; PDBTitle: structure of the spliceosomal dead-box protein prp28
85	c2hxyC_	Alignment	not modelled	99.7	21	PDB header: hydrolase Chain: C: PDB Molecule: probable atp-dependent rna helicase ddx48; PDBTitle: crystal structure of human apo-eif4aiii
86	c6fa5A_	Alignment	not modelled	99.7	27	PDB header: hydrolase Chain: A: PDB Molecule: putative mrna splicing factor; PDBTitle: crystal structure of the deah-box helicase prp2 in complex with adp
87	c2z83A_	Alignment	not modelled	99.7	32	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
88	c5mqfq_	Alignment	not modelled	99.7	16	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)
89	c2vsxA_	Alignment	not modelled	99.7	28	PDB header: translation/hydrolase Chain: A: PDB Molecule: atp-dependent rna helicase eif4a; PDBTitle: crystal structure of a translation initiation complex
90	c5wsge_	Alignment	not modelled	99.7	21	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
91	c4n14H_	Alignment	not modelled	99.7	21	PDB header: dna binding protein Chain: H: PDB Molecule: primosome assembly protein pria; PDBTitle: pria helicase bound to adp
92	c5z58x_	Alignment	not modelled	99.7	19	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.
93	c6h57A_	Alignment	not modelled	99.7	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
94	c3kx2A_	Alignment	not modelled	99.7	20	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
95	c5ylzW_	Alignment	not modelled	99.7	18	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
96	c6iczY_	Alignment	not modelled	99.7	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
97	c3eiqD_	Alignment	not modelled	99.7	21	PDB header: hydrolase/antitumor protein Chain: D: PDB Molecule: eukaryotic initiation factor 4a-i; PDBTitle: crystal structure of pdcd4-eif4a
98	c4kbfA_	Alignment	not modelled	99.7	27	PDB header: hydrolase Chain: A: PDB Molecule: heat resistant rna dependent atpase; PDBTitle: two different open conformations of the helicase core of the rna2 helicase hera
99	c5of4A_	Alignment	not modelled	99.7	22	PDB header: transcription Chain: A: PDB Molecule: tfiih basal transcription factor complex helicase xpb PDBTitle: the cryo-em structure of human tfiih
100	c1z3iX_	Alignment	not modelled	99.7	15	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
101	c4q2dA_	Alignment	not modelled	99.7	22	PDB header: hydrolase Chain: A: PDB Molecule: crispr-associated helicase cas3; PDBTitle: crystal structure of crispr-associated protein in complex with 2'-2 deoxyadenosine 5'-triphosphate
102	c3rc8A_	Alignment	not modelled	99.7	20	PDB header: hydrolase/rna Chain: A: PDB Molecule: atp-dependent rna helicase supv311, mitochondrial; PDBTitle: human mitochondrial helicase suv3 in complex with short rna fragment
103	c5vvrM_	Alignment	not modelled	99.7	13	PDB header: transcription/rna/dna Chain: M: PDB Molecule: dna repair and recombination protein rad26; PDBTitle: ternary complex of rna pol ii, transcription scaffold and rad26
104	c6i3oA_	Alianment	not modelled	99.7	23	PDB header: hydrolase Chain: A: PDB Molecule: putative pre-mrna splicing factor;

					PDBTitle: crystal structure of deah-box atpase prp22
105	c6o16A_	Alignment	not modelled	99.7	19 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
106	c5lqwO_	Alignment	not modelled	99.7	18 PDB header: splicing Chain: O: PDB Molecule: pre-mrna-splicing factor atp-dependent rna helicase-like PDBTitle: yeast activated spliceosome
107	c2fsgB_	Alignment	not modelled	99.6	20 PDB header: protein transport Chain: B: PDB Molecule: preprotein translocase seca subunit; PDBTitle: complex seca:atp from escherichia coli
108	c5lj5O_	Alignment	not modelled	99.6	17 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.
109	c1ymfA_	Alignment	not modelled	99.6	29 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
110	c2qeqa_	Alignment	not modelled	99.6	27 PDB header: hydrolase Chain: A: PDB Molecule: flavivirin protease ns3 catalytic subunit; PDBTitle: crystal structure of kunjin virus ns3 helicase
111	c5xdrA_	Alignment	not modelled	99.6	18 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
112	c2i4iA_	Alignment	not modelled	99.6	21 PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent rna helicase ddx3x; PDBTitle: crystal structure of human dead-box rna helicase ddx3x
113	c6ne3W_	Alignment	not modelled	99.6	17 PDB header: dna binding protein/dna Chain: W: PDB Molecule: swi/snf-related matrix-associated actin-dependent regulator PDBTitle: cryo-em structure of singly-bound snf2h-nucleosome complex with snf2h2 bound at shl-2
114	c5n8zA_	Alignment	not modelled	99.6	14 PDB header: hydrolase Chain: A: PDB Molecule: cg9323, isoform a; PDBTitle: crystal structure of drosophila dhx36 helicase in complex with2 cctccctt
115	c2w74B_	Alignment	not modelled	99.6	21 PDB header: hydrolase Chain: B: PDB Molecule: type i restriction enzyme ecor124ii r protein; PDBTitle: mutant (k220r) of the hsdR subunit of the ecor124i2 restriction enzyme in complex with atp
116	c5jxrB_	Alignment	not modelled	99.6	15 PDB header: transcription Chain: B: PDB Molecule: chromatin-remodeling complex atpase-like protein; PDBTitle: crystal structure of mtiswi
117	c5fmf1_	Alignment	not modelled	99.6	18 PDB header: transcription Chain: 1: PDB Molecule: dna repair helicase rad25, ssl2; PDBTitle: the p-lobe of rna polymerase ii pre-initiation complex
118	c2fwrA_	Alignment	not modelled	99.6	19 PDB header: dna binding protein Chain: A: PDB Molecule: dna repair protein rad25; PDBTitle: structure of archaeoglobus fulgidis xpb
119	c6iroL_	Alignment	not modelled	99.6	15 PDB header: dna binding protein/dna Chain: L: PDB Molecule: iswi chromatin-remodeling complex atpase isw1; PDBTitle: the crosslinked complex of iswi-nucleosome in the adp-bound state
120	c3dl8B_	Alignment	not modelled	99.5	19 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