












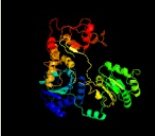



















Phyre2

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 Description RVBD1020_(mfd)_1138971_1142675
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 Unique Job ID 9fa387eb94f25a11

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2eyqA_	 Alignment		100.0	35	PDB header: hydrolase Chain: A: PDB Molecule: transcription-repair coupling factor; PDBTitle: crystal structure of escherichia coli transcription-repair2 coupling factor
2	c1gm5A_	 Alignment		100.0	33	PDB header: helicase Chain: A: PDB Molecule: recg; PDBTitle: structure of recg bound to three-way dna junction
3	c3hjhA_	 Alignment		100.0	21	PDB header: hydrolase Chain: A: PDB Molecule: transcription-repair-coupling factor; PDBTitle: a rigid n-terminal clamp restrains the motor domains of the bacterial2 transcription-repair coupling factor
4	d1t5la1	 Alignment		100.0	24	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Tandem AAA-ATPase domain
5	d2eyqa4	 Alignment		100.0	23	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Tandem AAA-ATPase domain
6	d2b2na1	 Alignment		100.0	24	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Tandem AAA-ATPase domain
7	c4cbmA_	 Alignment		100.0	14	PDB header: hydrolase Chain: A: PDB Molecule: serine protease ns3; PDBTitle: pestivirus ns3 helicase
8	c5m52B_	 Alignment		100.0	17	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
9	d2eyqa5	 Alignment		100.0	50	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Tandem AAA-ATPase domain
10	d2eyqa3	 Alignment		100.0	53	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Tandem AAA-ATPase domain
11	c4nl4H_	 Alignment		100.0	24	PDB header: dna binding protein Chain: H: PDB Molecule: primosome assembly protein pria; PDBTitle: pria helicase bound to adp

12	c5dcaA	Alignment		100.0	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
13	c6ah0D	Alignment		100.0	18	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)
14	c4nl8E	Alignment		100.0	24	PDB header: dna binding protein Chain: E; PDB Molecule: primosome assembly protein pria; PDBTitle: pria helicase bound to ssb c-terminal tail peptide
15	c4xgtA	Alignment		100.0	21	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
16	c6iehB	Alignment		100.0	22	PDB header: rna binding protein Chain: B; PDB Molecule: exosome rna helicase mtr4; PDBTitle: crystal structures of the hmtr4-nrde2 complex
17	c2xgiA	Alignment		100.0	20	PDB header: hydrolase/rna Chain: A; PDB Molecule: atp-dependent rna helicase dob1; PDBTitle: structure of mtr4, a dex helicase involved in nuclear rna2 processing and surveillance
18	c5v9xA	Alignment		100.0	21	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
19	c5lqwC	Alignment		100.0	18	PDB header: splicing Chain: C; PDB Molecule: pre-mrna-splicing helicase brr2; PDBTitle: yeast activated spliceosome
20	c6c90A	Alignment		100.0	20	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
21	c2v1xB	Alignment	not modelled	100.0	14	PDB header: hydrolase Chain: B; PDB Molecule: atp-dependent dna helicase q1; PDBTitle: crystal structure of human reqc-like dna helicase
22	c4a4zA	Alignment	not modelled	100.0	20	PDB header: hydrolase Chain: A; PDB Molecule: antiviral helicase ski2; PDBTitle: crystal structure of the s. cerevisiae dexh helicase ski2 bound to2 amppnp
23	c4f92B	Alignment	not modelled	100.0	19	PDB header: hydrolase Chain: B; PDB Molecule: u5 small nuclear ribonucleoprotein 200 kda helicase; PDBTitle: brr2 helicase region s1087l
24	c4bgdA	Alignment	not modelled	100.0	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
25	c4bujA	Alignment	not modelled	100.0	19	PDB header: hydrolase Chain: A; PDB Molecule: antiviral helicase ski2; PDBTitle: crystal structure of the s. cerevisiae ski2-3-8 complex
26	c4cdgA	Alignment	not modelled	100.0	16	PDB header: hydrolase Chain: A; PDB Molecule: bloom syndrome protein; PDBTitle: crystal structure of the bloom's syndrome helicase blm in complex with2 nanobody
27	c3l9oA	Alignment	not modelled	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
28	c6iegA	Alignment	not modelled	100.0	20	PDB header: rna binding protein Chain: A; PDB Molecule: exosome rna helicase mtr4; PDBTitle: crystal structure of human mtr4
						PDB header: translocase

29	c6ro4A	Alignment	not modelled	100.0	16	Chain: A: PDB Molecule: general transcription and dna repair factor tiih helicase PDBTitle: structure of the core tfiih-xpa-dna complex
30	c3jcrC	Alignment	not modelled	100.0	20	PDB header: splicing Chain: C: PDB Molecule: hbrr2; PDBTitle: 3d structure determination of the human* <u>u4/u6.u5*</u> tri-snrrnp complex
31	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
32	c1oywA	Alignment	not modelled	100.0	16	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent dna helicase; PDBTitle: structure of the recq catalytic core
33	d1gm5a3	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
34	c5m59C	Alignment	not modelled	100.0	17	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
35	c4q47A	Alignment	not modelled	100.0	16	PDB header: dna binding protein Chain: A: PDB Molecule: dna helicase recq; PDBTitle: structure of the drrecq catalytic core in complex with adp
36	c4ddvA	Alignment	not modelled	100.0	18	PDB header: hydrolase Chain: A: PDB Molecule: reverse gyrase; PDBTitle: thermotoga maritima reverse gyrase, triclinic form
37	c5lstA	Alignment	not modelled	100.0	15	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent dna helicase q4; PDBTitle: crystal structure of the human recq4 helicase.
38	c6f4aB	Alignment	not modelled	100.0	16	PDB header: hydrolase Chain: B: PDB Molecule: suv3 helicase; PDBTitle: yeast mitochondrial rna degradosome complex mtexo
39	c5agaA	Alignment	not modelled	100.0	17	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
40	c2vbCA	Alignment	not modelled	100.0	16	PDB header: hydrolase Chain: A: PDB Molecule: dengue 4 ns3 full-length protein; PDBTitle: crystal structure of the ns3 protease-helicase from dengue2 virus
41	c2va8A	Alignment	not modelled	100.0	18	PDB header: hydrolase Chain: A: PDB Molecule: ski2-type helicase; PDBTitle: dna repair helicase hel308
42	c1qI9B	Alignment	not modelled	100.0	17	PDB header: topoisomerase Chain: B: PDB Molecule: reverse gyrase; PDBTitle: archaeoglobus fulgidus reverse gyrase complexed with adpnp
43	c2zj2A	Alignment	not modelled	100.0	19	PDB header: hydrolase Chain: A: PDB Molecule: putative ski2-type helicase; PDBTitle: archaeal dna helicase hjm apo state in form 1
44	c2zj8A	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 2
45	c5ivwV	Alignment	not modelled	100.0	16	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
46	c2p6uA	Alignment	not modelled	100.0	18	PDB header: dna binding protein Chain: A: PDB Molecule: afuHel308 helicase; PDBTitle: apo structure of the hel308 superfamily 2 helicase
47	c5Ib5C	Alignment	not modelled	100.0	20	PDB header: hydrolase Chain: C: PDB Molecule: atp-dependent dna helicase q5; PDBTitle: crystal structure of human recq5 helicase in complex with adp/mg2 (triclinic form).
48	c3rc8A	Alignment	not modelled	100.0	17	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
49	c1ymfA	Alignment	not modelled	100.0	15	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
50	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
51	c4IjyA	Alignment	not modelled	100.0	18	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
52	c5jb2A	Alignment	not modelled	100.0	20	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.
53	d1gm5a4	Alignment	not modelled	100.0	34	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Tandem AAA-ATPase domain
54	c6nmiA	Alignment	not modelled	100.0	18	PDB header: transcription Chain: A: PDB Molecule: general transcription and dna repair factor tiih helicase PDBTitle: cryo-em structure of the human tfiih core complex

55	c5fmf1_	Alignment	not modelled	100.0	15	PDB header: transcription Chain: 1: PDB Molecule: dna repair helicase rad25, ssl2; PDBTitle: the p-lobe of rna polymerase ii pre-initiation complex
56	c2jlrA_	Alignment	not modelled	100.0	16	PDB header: hydrolase Chain: A: PDB Molecule: serine protease subunit ns3; PDBTitle: dengue virus 4 ns3 helicase in complex with amppnp
57	c4w7sA_	Alignment	not modelled	100.0	19	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
58	c4qqxA_	Alignment	not modelled	100.0	22	PDB header: hydrolase/dna Chain: A: PDB Molecule: crispr-associated helicase, cas3 family; PDBTitle: crystal structure of t. fusca cas3-atp
59	c6iczy_	Alignment	not modelled	100.0	20	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
60	c2ocaA_	Alignment	not modelled	100.0	15	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent dna helicase uvsw; PDBTitle: the crystal structure of t4 uvsw
61	c1hv8B_	Alignment	not modelled	100.0	19	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
62	c6hegA_	Alignment	not modelled	100.0	18	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent rna helicase hrpb; PDBTitle: crystal structure of escherichia coli deah/rha helicase hrpb
63	c5zamA_	Alignment	not modelled	100.0	21	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	c4xqkB_	Alignment	not modelled	100.0	18	PDB header: hydrolase/dna Chain: B: PDB Molecule: llabiii; PDBTitle: atp-dependent type isp restriction-modification enzyme llabiii bound2 to dna
65	c3kx2A_	Alignment	not modelled	100.0	17	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
66	c6jdeB_	Alignment	not modelled	100.0	19	PDB header: hydrolase Chain: B: PDB Molecule: putative dna repair helicase radd; PDBTitle: crystal structure of a dna repair protein
67	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
68	c4pxaA_	Alignment	not modelled	100.0	18	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
69	c2wv9A_	Alignment	not modelled	100.0	21	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
70	c3i5yA_	Alignment	not modelled	100.0	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
71	c1c4oA_	Alignment	not modelled	100.0	25	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
72	c4q2dA_	Alignment	not modelled	100.0	25	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
73	c4d25A_	Alignment	not modelled	100.0	20	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
74	c3ewsA_	Alignment	not modelled	100.0	19	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent rna helicase ddx19b; PDBTitle: human dead-box rna-helicase ddx19 in complex with adp
75	c5wsge_	Alignment	not modelled	100.0	20	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
76	c5ylzW_	Alignment	not modelled	100.0	19	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
77	c4gl2A_	Alignment	not modelled	100.0	25	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
78	c2v6jA_	Alignment	not modelled	100.0	19	PDB header: hydrolase Chain: A: PDB Molecule: rna helicase; PDBTitle: kokobera virus helicase: mutant met47thr
79	c5z58v_	Alignment	not modelled	100.0	21	PDB header: splicing Chain: X: PDB Molecule: smad nuclear-interacting protein 1;

79	c2z0x_	Alignment	not modelled	100.0	21	PDBTitle: cryo-em structure of a human activated spliceosome (early bact) at 4.92 angstrom. PDB header: immune system Chain: B: PDB Molecule: melanoma differentiation associated protein-5;
80	c5jcfB_	Alignment	not modelled	100.0	24	PDBTitle: crystal structure of chicken mda5 with 5'p 10-mer dsrna and adp-mg2+2 at 2.6 a resolution (orthorhombic form). PDB header: splicing Chain: Q: PDB Molecule: protein bud31 homolog;
81	c5mqfq_	Alignment	not modelled	100.0	20	PDBTitle: cryo-em structure of a human spliceosome activated for step 2 of 2 splicing (c* complex) PDB header: transcription Chain: A: PDB Molecule: tfiih basal transcription factor complex helicase xpb
82	c5of4A_	Alignment	not modelled	100.0	18	PDBTitle: the cryo-em structure of human tfiih PDB header: hydrolase Chain: A: PDB Molecule: putative mrna splicing factor;
83	c6fa5A_	Alignment	not modelled	100.0	18	PDBTitle: crystal structure of the deah-box helicase prp2 in complex with adp PDB header: ribosome Chain: P: PDB Molecule: 60s ribosomal protein l17-a;
84	c6c0fp_	Alignment	not modelled	100.0	22	PDBTitle: yeast nucleolar pre-60s ribosomal subunit (state 2) PDB header: hydrolase Chain: A: PDB Molecule: prp28;
85	c5dtuA_	Alignment	not modelled	100.0	17	PDBTitle: crystal structure of the rna-helicase prp28 from chaetomium2 thermophilum bound to adp PDB header: splicing Chain: V: PDB Molecule: pre-mrna-splicing factor atp-dependent rna helicase prp22;
86	c5mq0V_	Alignment	not modelled	100.0	20	PDBTitle: structure of a spliceosome remodeled for exon ligation PDB header: hydrolase/dna Chain: A: PDB Molecule: uvrabc system protein b;
87	c2d7dA_	Alignment	not modelled	100.0	19	PDBTitle: structural insights into the cryptic dna dependent atp-ase2 activity of uvrbc PDB header: hydrolase Chain: A: PDB Molecule: cg9323, isoform a;
88	c5n8zA_	Alignment	not modelled	100.0	19	PDBTitle: crystal structure of drosophila dhx36 helicase in complex with2 ctctccctt PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent rna helicase dbp5;
89	c3pexA_	Alignment	not modelled	100.0	16	PDBTitle: s. cerevisiae dbp5 l327v bound to gle1 h337r and ip6 PDB header: isomerase Chain: B: PDB Molecule: reverse gyrase helicase domain;
90	c3oiyB_	Alignment	not modelled	100.0	16	PDBTitle: helicase domain of reverse gyrase from thermotoga maritima PDB header: splicing Chain: O: PDB Molecule: pre-mrna-splicing factor atp-dependent rna helicase-like
91	c5lqwO_	Alignment	not modelled	100.0	17	PDBTitle: yeast activated spliceosome PDB header: hydrolase/rna Chain: A: PDB Molecule: atp-dependent rna helicase ddx58;
92	c3tmiA_	Alignment	not modelled	100.0	20	PDBTitle: structural basis for rna recognition and activation of rig-i PDB header: rna binding protein Chain: A: PDB Molecule: putative atp-dependent rna helicase dhh1;
93	c1s2mA_	Alignment	not modelled	100.0	22	PDBTitle: crystal structure of the dead box protein dhh1p PDB header: hydrolase Chain: A: PDB Molecule: dead-box atp-dependent rna helicase csha;
94	c5ivIA_	Alignment	not modelled	100.0	19	PDBTitle: csha helicase PDB header: rna binding protein Chain: B: PDB Molecule: probable atp-dependent rna helicase ddx6;
95	c4ct4B_	Alignment	not modelled	100.0	20	PDBTitle: cnot1 mif4g domain - ddx6 complex PDB header: gene regulation Chain: A: PDB Molecule: probable atp-dependent rna helicase p47;
96	c1xtkA_	Alignment	not modelled	100.0	19	PDBTitle: structure of decd to dead mutation of human uap56 PDB header: hydrolase/rna Chain: A: PDB Molecule: atp-dependent rna helicase ddx19b;
97	c3fhtA_	Alignment	not modelled	100.0	21	PDBTitle: crystal structure of human dbp5 in complex with amppnp and rna PDB header: viral protein Chain: A: PDB Molecule: helicase/nucleoside triphosphatase;
98	c2z83A_	Alignment	not modelled	100.0	20	PDBTitle: crystal structure of catalytic domain of japanese2 encephalitis virus ns3 helicase/nucleoside triphosphatase3 at a resolution 1.8 PDB header: rna binding protein Chain: A: PDB Molecule: 337aa long hypothetical atp-dependent rna
99	c2z0mA_	Alignment	not modelled	100.0	18	PDBTitle: crystal structure of hypothetical atp-dependent rna2 helicase from sulfolobus tokodaii PDB header: splicing Chain: Q: PDB Molecule: pre-mrna-splicing factor atp-dependent rna helicase prp16;
100	c5lj5Q_	Alignment	not modelled	100.0	19	PDBTitle: overall structure of the yeast spliceosome immediately after2 branching. PDB header: hydrolase/rna Chain: B: PDB Molecule: atp-dependent rna helicase sub2;
101	c5supB_	Alignment	not modelled	100.0	18	PDBTitle: structure of mrna export factors PDB header: hydrolase Chain: A: PDB Molecule: pre-mrna-splicing factor atp-dependent rna helicase dhx15;
102	c5xdrA_	Alignment	not modelled	100.0	18	PDBTitle: crystal structure of human deah-box rna helicase dhx15 in complex with2 adp PDB header: hydrolase Chain: A: PDB Molecule: probable atp-dependent rna helicase ddx23;
103	c4nhoA_	Alignment	not modelled	100.0	18	PDBTitle: structure of the spliceosomal dead-box protein prp28 PDB header: hydrolase/rna

104	c6o16A_	Alignment	not modelled	100.0	18	Chain: A: PDB Molecule: deah (asp-glu-ala-his) box polypeptide 37; PDBTitle: crystal structure of murine dhx37 in complex with rna
105	c5vheA_	Alignment	not modelled	100.0	25	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
106	c6h57A_	Alignment	not modelled	100.0	19	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
107	c2hxyC_	Alignment	not modelled	100.0	19	PDB header: hydrolase Chain: C: PDB Molecule: probable atp-dependent rna helicase ddx48; PDBTitle: crystal structure of human apo-eif4aiii
108	c1wp9D_	Alignment	not modelled	100.0	22	PDB header: hydrolase Chain: D: PDB Molecule: atp-dependent rna helicase, putative; PDBTitle: crystal structure of pyrococcus furiosus hef helicase domain
109	c5lkB_	Alignment	not modelled	100.0	18	PDB header: viral protein Chain: B: PDB Molecule: genome polyprotein; PDBTitle: crystal structure of full-length csfv ns3/4a
110	c2fsgB_	Alignment	not modelled	100.0	18	PDB header: protein transport Chain: B: PDB Molecule: preprotein translocase seca subunit; PDBTitle: complex seca:atp from escherichia coli
111	c4kbfA_	Alignment	not modelled	100.0	19	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
112	c2fwrA_	Alignment	not modelled	100.0	17	PDB header: dna binding protein Chain: A: PDB Molecule: dna repair protein rad25; PDBTitle: structure of archaeoglobus fulgidis xpb
113	c3fpnB_	Alignment	not modelled	100.0	35	PDB header: dna binding protein Chain: B: PDB Molecule: geobacillus stearothermophilus uvrb interaction domain; PDBTitle: crystal structure of uvra-uvrb interaction domains
114	c2qeqA_	Alignment	not modelled	100.0	18	PDB header: hydrolase Chain: A: PDB Molecule: flavivirin protease ns3 catalytic subunit; PDBTitle: crystal structure of kunjin virus ns3 helicase
115	c3eiqD_	Alignment	not modelled	100.0	21	PDB header: hydrolase/antitumor protein Chain: D: PDB Molecule: eukaryotic initiation factor 4a-i; PDBTitle: crystal structure of pdcd4-eif4a
116	c2vsxA_	Alignment	not modelled	100.0	19	PDB header: translation/hydrolase Chain: A: PDB Molecule: atp-dependent rna helicase eif4a; PDBTitle: crystal structure of a translation initiation complex
117	c1a1vA_	Alignment	not modelled	100.0	19	PDB header: hydrolase/dna Chain: A: PDB Molecule: protein (ns3 protein); PDBTitle: hepatitis c virus ns3 helicase domain complexed with single2 stranded sdna
118	c2i4iA_	Alignment	not modelled	100.0	18	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent rna helicase ddx3x; PDBTitle: crystal structure of human dead-box rna helicase ddx3x
119	c6i3oA_	Alignment	not modelled	100.0	18	PDB header: hydrolase Chain: A: PDB Molecule: putative pre-mrna splicing factor; PDBTitle: crystal structure of deah-box atpase prp22
120	c5aorA_	Alignment	not modelled	100.0	21	PDB header: hydrolase/rna Chain: A: PDB Molecule: dosage compensation regulator; PDBTitle: structure of mle rna adp alf4 complex