













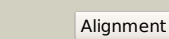









Phyre2

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Description	RVBD2917 (-) _3226373_3228253
Date	Thu Aug 8 16:20:07 BST 2019
Unique Job ID	5d69b9f8944d0b41

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c4xqkB_	 Alignment		100.0	16	PDB header: hydrolase/dna Chain: B: PDB Molecule: llabiii; PDBTitle: atp-dependent type isp restriction-modification enzyme llabiii bound2 to dna
2	c6jdeB_	 Alignment		100.0	20	PDB header: hydrolase Chain: B: PDB Molecule: putative dna repair helicase radd; PDBTitle: crystal structure of a dna repair protein
3	c2eyqA_	 Alignment		100.0	17	PDB header: hydrolase Chain: A: PDB Molecule: transcription-repair coupling factor; PDBTitle: crystal structure of escherichia coli transcription-repair2 coupling factor
4	c5jb2A_	 Alignment		100.0	16	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.
5	c6nmiA_	 Alignment		100.0	15	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
6	c3dmqA_	 Alignment		100.0	16	PDB header: hydrolase Chain: A: PDB Molecule: rna polymerase-associated protein rapa; PDBTitle: crystal structure of rapa, a swi2/snf2 protein that recycles rna2 polymerase during transcription
7	c6iehB_	 Alignment		100.0	16	PDB header: rna binding protein Chain: B: PDB Molecule: exosome rna helicase mtr4; PDBTitle: crystal structures of the hmtr4-nrde2 complex
8	c5of4A_	 Alignment		100.0	15	PDB header: transcription Chain: A: PDB Molecule: tfiih basal transcription factor complex helicase xpb PDBTitle: the cryo-em structure of human tfiih
9	c2xgjA_	 Alignment		100.0	14	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
10	c5v9xA_	 Alignment		100.0	17	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	c5jcfB_	 Alignment		100.0	18	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).

12	c3tmiA_	Alignment		100.0	13	PDB header: hydrolase/rna Chain: A: PDB Molecule: atp-dependent rna helicase ddx58; PDBTitle: structural basis for rna recognition and activation of rig-i
13	c4xgtA_	Alignment		100.0	16	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
14	c6c90A_	Alignment		100.0	16	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
15	c5agaA_	Alignment		100.0	15	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
16	c3h1tA_	Alignment		100.0	18	PDB header: hydrolase Chain: A: PDB Molecule: type i site-specific restriction-modification PDBTitle: the fragment structure of a putative hsdr subunit of a type2 i restriction enzyme from vibrio vulnificus yj016
17	c4bujA_	Alignment		100.0	15	PDB header: hydrolase Chain: A: PDB Molecule: antiviral helicase ski2; PDBTitle: crystal structure of the s. cerevisiae ski2-3-8 complex
18	c6iegA_	Alignment		100.0	16	PDB header: rna binding protein Chain: A: PDB Molecule: exosome rna helicase mtr4; PDBTitle: crystal structure of human mtr4
19	c1gm5A_	Alignment		100.0	18	PDB header: helicase Chain: A: PDB Molecule: recg; PDBTitle: structure of recg bound to three-way dna junction
20	c4a4zA_	Alignment		100.0	14	PDB header: hydrolase Chain: A: PDB Molecule: antiviral helicase ski2; PDBTitle: crystal structure of the s. cerevisiae dexh helicase ski2 bound to2 amppnp
21	c4gl2A_	Alignment	not modelled	100.0	17	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
22	c5jvwV_	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
23	c1z3iX_	Alignment	not modelled	100.0	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
24	c2w00B_	Alignment	not modelled	100.0	17	PDB header: hydrolase Chain: B: PDB Molecule: hsdr; PDBTitle: crystal structure of the hsdr subunit of the ecor124i restriction2 enzyme in complex with atp
25	c5zamA_	Alignment	not modelled	100.0	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
26	c3mwyW_	Alignment	not modelled	100.0	13	PDB header: hydrolase Chain: W: PDB Molecule: chromo domain-containing protein 1; PDBTitle: crystal structure of the chromodomain-atpase portion of the yeast chd12 chromatin remodeler
27	c4cdgA_	Alignment	not modelled	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
28	c5x0yO_	Alignment	not modelled	100.0	14	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 PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent rna helicase dob1; PDBTitle: crystal structure of mtr4, a co-factor of the nuclear exosome
29	c3l9oA_	Alignment	not modelled	100.0	13	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
30	c2w74B_	Alignment	not modelled	100.0	17	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent dna helicase uvsw; PDBTitle: the crystal structure of t4 uvsw
31	c2ocaA_	Alignment	not modelled	100.0	14	PDB header: hydrolase Chain: B: PDB Molecule: atp-dependent dna helicase q1; PDBTitle: crystal structure of human recq-like dna helicase
32	c2v1xB_	Alignment	not modelled	100.0	15	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent dna helicase; PDBTitle: structure of the recq catalytic core
33	c1oywA_	Alignment	not modelled	100.0	19	PDB header: translocase Chain: A: PDB Molecule: general transcription and dna repair factor iih helicase PDBTitle: structure of the core tfiih-xpa-dna complex
34	c6ro4A_	Alignment	not modelled	100.0	15	PDB header: hydrolase Chain: B: PDB Molecule: type i restriction enzyme r protein; PDBTitle: crystal structure of the hsdr subunit of the ecor124i restriction2 enzyme with the c-terminal domain
35	c6h2jB_	Alignment	not modelled	100.0	17	PDB header: transcription Chain: B: PDB Molecule: chromatin-remodeling complex atpase-like protein; PDBTitle: crystal structure of mtiswi
36	c5jxrB_	Alignment	not modelled	100.0	12	PDB header: dna binding protein Chain: W: PDB Molecule: chromo domain-containing protein 1; PDBTitle: structure of nucleosome-chd1 complex
37	c5o9gW_	Alignment	not modelled	100.0	13	PDB header: transcription Chain: B: PDB Molecule: helicase-like protein; PDBTitle: crystal structure of chaetomium thermophilum mot1 (e1434q, 1837-18862 deletion mutant)
38	c6g7eB_	Alignment	not modelled	100.0	13	PDB header: hydrolase Chain: A: PDB Molecule: ski2-type helicase; PDBTitle: dna repair helicase hel308
39	c2va8A_	Alignment	not modelled	100.0	16	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent dna helicase q4; PDBTitle: crystal structure of the human recq4 helicase.
40	c5lstA_	Alignment	not modelled	100.0	19	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
41	c5vvrM_	Alignment	not modelled	100.0	14	PDB header: transcription Chain: 1: PDB Molecule: dna repair helicase rad25, ssl2; PDBTitle: the p-lobe of rna polymerase ii pre-initiation complex
42	c5fmf1_	Alignment	not modelled	100.0	16	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)
43	c6ah0D_	Alignment	not modelled	100.0	18	PDB header: hydrolase Chain: D: PDB Molecule: atp-dependent rna helicase, putative; PDBTitle: crystal structure of pyrococcus furiosus hef helicase domain
44	c1wp9D_	Alignment	not modelled	100.0	20	PDB header: dna binding protein Chain: A: PDB Molecule: dna helicase recq; PDBTitle: structure of the drrecq catalytic core in complex with adp
45	c4q47A_	Alignment	not modelled	100.0	16	PDB header: hydrolase Chain: B: PDB Molecule: pre-mrna-splicing helicase brr2; PDBTitle: crystal structure of yeast brr2 full-lenght in complex with prp8 jab12 domain
46	c5m52B_	Alignment	not modelled	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
47	c5dcaA_	Alignment	not modelled	100.0	18	PDB header: hydrolase Chain: A: PDB Molecule: putative ski2-type helicase; PDBTitle: archaeal dna helicase hjm apo state in form 2
48	c2zj8A_	Alignment	not modelled	100.0	17	PDB header: hydrolase Chain: A: PDB Molecule: reverse gyrase; PDBTitle: thermotoga maritima reverse gyrase, triclinic form
49	c4ddvA_	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
50	c4f92B_	Alignment	not modelled	100.0	19	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
51	c6iroL_	Alignment	not modelled	100.0	13	PDB header: hydrolase/dna complex Chain: A: PDB Molecule: helicase of the snf2/rad54 family; PDBTitle: sulfobolus solfataricus swi2/snf2 atpase core in complex with dsdna
52	c1z63A_	Alignment	not modelled	100.0	13	PDB header: topoisomerase Chain: B: PDB Molecule: reverse gyrase; PDBTitle: archaeoglobus fulgidus reverse gyrase complexed with adpnp
53	c1ql9B_	Alignment	not modelled	100.0	22	PDB header: replication

54	c1c4oA_	Alignment	not modelled	100.0	17	Chain: A: PDB Molecule: dna nucleotide excision repair uvrb; PDBTitle: crystal structure of the dna nucleotide excision repair enzyme uvr2 from thermus thermophilus
55	c3jcrC_	Alignment	not modelled	100.0	17	PDB header: splicing Chain: C: PDB Molecule: hbr2; PDBTitle: 3d structure determination of the human*u4/u6.u5* tri-snrnp complex
56	c5m59C_	Alignment	not modelled	100.0	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
57	c4bgdA_	Alignment	not modelled	100.0	19	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
58	c2fwrA_	Alignment	not modelled	100.0	20	PDB header: dna binding protein Chain: A: PDB Molecule: dna repair protein rad25; PDBTitle: structure of archaeoglobus fulgidis xpb
59	c4llyA_	Alignment	not modelled	100.0	15	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
60	c5lqwC_	Alignment	not modelled	100.0	17	PDB header: splicing Chain: C: PDB Molecule: pre-mrna-splicing helicase brr2; PDBTitle: yeast activated spliceosome
61	c2zj2A_	Alignment	not modelled	100.0	15	PDB header: hydrolase Chain: A: PDB Molecule: putative ski2-type helicase; PDBTitle: archaeal dna helicase hjm apo state in form 1
62	c5l5bC_	Alignment	not modelled	100.0	14	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).
63	c2p6uA_	Alignment	not modelled	100.0	16	PDB header: dna binding protein Chain: A: PDB Molecule: afuhel308 helicase; PDBTitle: apo structure of the hel308 superfamily 2 helicase
64	c3tbkA_	Alignment	not modelled	100.0	16	PDB header: hydrolase Chain: A: PDB Molecule: rig-i helicase domain; PDBTitle: mouse rig-i atpase domain
65	c3i5yA_	Alignment	not modelled	100.0	13	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
66	c6ne3W_	Alignment	not modelled	100.0	12	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
67	c6etxG_	Alignment	not modelled	100.0	24	PDB header: dna binding protein Chain: G: PDB Molecule: dna helicase ino80; PDBTitle: cryo-em structure of the human ino80 complex bound to nucleosome
68	c6fmIG_	Alignment	not modelled	100.0	17	PDB header: dna binding protein Chain: G: PDB Molecule: ino80; PDBTitle: cryoem structure ino80core nucleosome complex
69	c6gejM_	Alignment	not modelled	100.0	19	PDB header: nuclear protein Chain: M: PDB Molecule: helicase swr1; PDBTitle: chromatin remodeller-nucleosome complex at 3.6 a resolution.
70	c4on9B_	Alignment	not modelled	100.0	14	PDB header: hydrolase Chain: B: PDB Molecule: probable atp-dependent rna helicase ddx58; PDBTitle: dech box helicase domain
71	c3oiyB_	Alignment	not modelled	100.0	17	PDB header: isomerase Chain: B: PDB Molecule: reverse gyrase helicase domain; PDBTitle: helicase domain of reverse gyrase from thermotoga maritima
72	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
73	c2d7dA_	Alignment	not modelled	100.0	13	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
74	c5tnuB_	Alignment	not modelled	100.0	19	PDB header: transcription Chain: B: PDB Molecule: dna-dependent atpase xpbii; PDBTitle: s. tokodaii xpb ii crystal structure at 3.0 angstrom resolution
75	c2jlrA_	Alignment	not modelled	100.0	14	PDB header: hydrolase Chain: A: PDB Molecule: serine protease subunit ns3; PDBTitle: dengue virus 4 ns3 helicase in complex with amppnp
76	c3ewsA_	Alignment	not modelled	100.0	17	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent rna helicase ddx19b; PDBTitle: human dead-box rna-helicase ddx19 in complex with adp
77	c2db3D_	Alignment	not modelled	100.0	20	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
78	c5h2rA_	Alignment	not modelled	100.0	13	PDB header: transcription Chain: A: PDB Molecule: snf2-family atp dependent chromatin remodeling factor like PDBTitle: crystal structure of mtsnf2
79	c3h2rA_	Alignment	not modelled	100.0	15	PDB header: transport protein Chain: A: PDB Molecule: preprotein translocase subunit seca;

79	c3uxaA	Alignment	not modelled	100.0	15	PDBTitle: crystal structure of the isolated dead motor domains from escherichia2 coli seca 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
80	c3rc8A	Alignment	not modelled	100.0	17	PDB header: hydrolase Chain: A; PDB Molecule: probable atp-dependent rna helicase ddx23; PDBTitle: structure of the spliceosomal dead-box protein prp28
81	c4nhoA	Alignment	not modelled	100.0	18	PDB header: rna binding protein Chain: A; PDB Molecule: dicer-2, isoform a; PDBTitle: drosophila dicer-2 apo homology model (helicase, platform-paz,2 rnaseiii domains)
82	c6buaA	Alignment	not modelled	100.0	16	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
84	c2v6jA	Alignment	not modelled	100.0	16	PDB header: hydrolase Chain: A; PDB Molecule: rna helicase; PDBTitle: kokobera virus helicase: mutant met47thr
85	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)
86	c3fhtA	Alignment	not modelled	100.0	19	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
87	c1hv8B	Alignment	not modelled	100.0	17	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
88	c4d25A	Alignment	not modelled	100.0	18	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
89	c4nl4H	Alignment	not modelled	100.0	20	PDB header: dna binding protein Chain: H; PDB Molecule: primosome assembly protein pria; PDBTitle: pria helicase bound to adp
90	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
91	c4ct4B	Alignment	not modelled	100.0	15	PDB header: rna binding protein Chain: B; PDB Molecule: probable atp-dependent rna helicase ddx6; PDBTitle: cnot1 mif4g domain - ddx6 complex
92	c5z58x	Alignment	not modelled	100.0	13	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	c6iczY	Alignment	not modelled	100.0	14	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
94	c2vbcA	Alignment	not modelled	100.0	14	PDB header: hydrolase Chain: A; PDB Molecule: dengue 4 ns3 full-length protein; PDBTitle: crystal structure of the ns3 protease-helicase from dengue2 virus
95	c5dtuA	Alignment	not modelled	100.0	18	PDB header: hydrolase Chain: A; PDB Molecule: prp28; PDBTitle: crystal structure of the rna-helicase prp28 from chaetomium2 thermophilum bound to adp
96	c4qqxA	Alignment	not modelled	100.0	15	PDB header: hydrolase/dna Chain: A; PDB Molecule: crispr-associated helicase, cas3 family; PDBTitle: crystal structure of t. fusca cas3-atp
97	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
98	c1xtkA	Alignment	not modelled	100.0	13	PDB header: gene regulation Chain: A; PDB Molecule: probable atp-dependent rna helicase p47; PDBTitle: structure of decd to dead mutation of human uap56
99	c2z0mA	Alignment	not modelled	100.0	17	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 sulfobolus tokodaii
100	c6fa5A	Alignment	not modelled	100.0	15	PDB header: hydrolase Chain: A; PDB Molecule: putative mrna splicing factor; PDBTitle: crystal structure of the deah-box helicase prp2 in complex with adp
101	c5vheA	Alignment	not modelled	100.0	12	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
102	c3kx2A	Alignment	not modelled	100.0	16	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
103	c2z83A	Alignment	not modelled	100.0	15	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
104	c5mq0V	Alignment	not modelled	100.0	16	PDB header: splicing Chain: V; PDB Molecule: pre-mrna-splicing factor atp-dependent rna helicase prp22;

105	c4zcfC_	Alignment	not modelled	100.0	13	PDBTitle: structure of a spliceosome remodeled for exon ligation PDB header: hydrolase-dna complex Chain: C: PDB Molecule: restriction endonuclease ecop15i, restriction subunit; PDBTitle: structural basis of asymmetric dna methylation and atp-triggered long-2 range diffusion by ecop15i
106	c5supB_	Alignment	not modelled	100.0	16	PDB header: hydrolase/rna Chain: B: PDB Molecule: atp-dependent rna helicase sub2; PDBTitle: structure of mrna export factors
107	c6f4aB_	Alignment	not modelled	100.0	17	PDB header: hydrolase Chain: B: PDB Molecule: svu3 helicase; PDBTitle: yeast mitochondrial rna degradosome complex mtexo
108	c5n8zA_	Alignment	not modelled	100.0	12	PDB header: hydrolase Chain: A: PDB Molecule: cg9323, isoform a; PDBTitle: crystal structure of drosophila dhx36 helicase in complex with2 ctctccctt
109	c5ivIA_	Alignment	not modelled	100.0	19	PDB header: hydrolase Chain: A: PDB Molecule: dead-box atp-dependent rna helicase csha; PDBTitle: csha helicase
110	c2qeA_	Alignment	not modelled	100.0	16	PDB header: hydrolase Chain: A: PDB Molecule: flavivirin protease ns3 catalytic subunit; PDBTitle: crystal structure of kunjin virus ns3 helicase
111	c2hxyC_	Alignment	not modelled	100.0	18	PDB header: hydrolase Chain: C: PDB Molecule: probable atp-dependent rna helicase ddx48; PDBTitle: crystal structure of human apo-eif4aiii
112	c6hegA_	Alignment	not modelled	100.0	14	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent rna helicase hrpb; PDBTitle: crystal structure of escherichia coli deah/rha helicase hrpb
113	c1ymfA_	Alignment	not modelled	100.0	16	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
114	c5mqfq_	Alignment	not modelled	100.0	15	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)
115	c2wv9A_	Alignment	not modelled	100.0	17	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
116	c5lj5Q_	Alignment	not modelled	100.0	15	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.
117	c2vsxA_	Alignment	not modelled	100.0	15	PDB header: translation/hydrolase Chain: A: PDB Molecule: atp-dependent rna helicase eif4a; PDBTitle: crystal structure of a translation initiation complex
118	c5ylzW_	Alignment	not modelled	100.0	16	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
119	c5lqwO_	Alignment	not modelled	100.0	12	PDB header: splicing Chain: O: PDB Molecule: pre-mrna-splicing factor atp-dependent rna helicase-like PDBTitle: yeast activated spliceosome
120	c5wsge_	Alignment	not modelled	100.0	15	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