

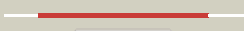





















Phyre2

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Description	RVBD0861c_(ercc3)_958526_960154
Date	Fri Jul 26 01:50:45 BST 2019
Unique Job ID	7ea0206897f1fc23

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c6nmiA_	 Alignment		100.0	31	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
2	c6ro4A_	 Alignment		100.0	30	PDB header: translocase Chain: A: PDB Molecule: general transcription and dna repair factor iih helicase PDBTitle: structure of the core tfiih-xpa-dna complex
3	c5of4A_	 Alignment		100.0	34	PDB header: transcription Chain: A: PDB Molecule: tfiih basal transcription factor complex helicase xpb PDBTitle: the cryo-em structure of human tfiih
4	c5ivwV_	 Alignment		100.0	36	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
5	c5fmf1_	 Alignment		100.0	35	PDB header: transcription Chain: 1: PDB Molecule: dna repair helicase rad25, ssl2; PDBTitle: the p-lobe of rna polymerase ii pre-initiation complex
6	c1gm5A_	 Alignment		100.0	21	PDB header: helicase Chain: A: PDB Molecule: recg; PDBTitle: structure of recg bound to three-way dna junction
7	c2eyqA_	 Alignment		100.0	18	PDB header: hydrolase Chain: A: PDB Molecule: transcription-repair coupling factor; PDBTitle: crystal structure of escherichia coli transcription-repair2 coupling factor
8	c5o9gW_	 Alignment		100.0	20	PDB header: dna binding protein Chain: W: PDB Molecule: chromo domain-containing protein 1; PDBTitle: structure of nucleosome-chd1 complex
9	c6g7eB_	 Alignment		100.0	23	PDB header: transcription Chain: B: PDB Molecule: helicase-like protein; PDBTitle: crystal structure of chaetomium thermophilum mot1 (e1434q, 1837-18862 deletion mutant)
10	c3mwyW_	 Alignment		100.0	19	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
11	c1z3iX_	 Alignment		100.0	18	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

12	c4xqkB_	Alignment		100.0	18	PDB header: hydrolase/dna Chain: B: PDB Molecule: llabiii; PDBTitle: atp-dependent type isp restriction-modification enzyme llabiii bound2 to dna
13	c5jxrB_	Alignment		100.0	23	PDB header: transcription Chain: B: PDB Molecule: chromatin-remodeling complex atpase-like protein; PDBTitle: crystal structure of mtiswi
14	c5vvrM_	Alignment		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
15	c5jb2A_	Alignment		100.0	18	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.
16	c2fwrA_	Alignment		100.0	34	PDB header: dna binding protein Chain: A: PDB Molecule: dna repair protein rad25; PDBTitle: structure of archaeoglobus fulgidis xpb
17	c5x0yO_	Alignment		100.0	20	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
18	c3dmqA_	Alignment		100.0	18	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
19	c5jcfB_	Alignment		100.0	19	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).
20	c2ocaA_	Alignment		100.0	16	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent dna helicase uvsw; PDBTitle: the crystal structure of t4 uvsw
21	c6etxG_	Alignment	not modelled	100.0	23	PDB header: dna binding protein Chain: G: PDB Molecule: dna helicase ino80; PDBTitle: cryo-em structure of the human ino80 complex bound to nucleosome
22	c6iroL_	Alignment	not modelled	100.0	21	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
23	c6fmlG_	Alignment	not modelled	100.0	25	PDB header: dna binding protein Chain: G: PDB Molecule: ino80; PDBTitle: cryoem structure ino80core nucleosome complex
24	c3tmiA_	Alignment	not modelled	100.0	18	PDB header: hydrolase/rna Chain: A: PDB Molecule: atp-dependent rna helicase ddx58; PDBTitle: structural basis for rna recognition and activation of rig-i
25	c6gejM_	Alignment	not modelled	100.0	30	PDB header: nuclear protein Chain: M: PDB Molecule: helicase swr1; PDBTitle: chromatin remodeller-nucleosome complex at 3.6 a resolution.
26	c6jdeB_	Alignment	not modelled	100.0	23	PDB header: hydrolase Chain: B: PDB Molecule: putative dna repair helicase radd; PDBTitle: crystal structure of a dna repair protein
27	c1z63A_	Alignment	not modelled	100.0	20	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
28	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

29	c2v1xB_	Alignment	not modelled	100.0	16	PDB header: hydrolase Chain: B: PDB Molecule: atp-dependent dna helicase q1; PDBTitle: crystal structure of human recq-like dna helicase
30	c1wp9D_	Alignment	not modelled	100.0	20	PDB header: hydrolase Chain: D: PDB Molecule: atp-dependent rna helicase, putative; PDBTitle: crystal structure of pyrococcus furiosus hef helicase domain
31	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
32	c5hzhA_	Alignment	not modelled	100.0	17	PDB header: transcription Chain: A: PDB Molecule: snf2-family atp dependent chromatin remodeling factor like PDBTitle: crystal structure of mtsnf2
33	c5v9xA_	Alignment	not modelled	100.0	20	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
34	c5zamA_	Alignment	not modelled	100.0	20	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
35	c6ne3W_	Alignment	not modelled	100.0	18	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
36	c6iehB_	Alignment	not modelled	100.0	13	PDB header: rna binding protein Chain: B: PDB Molecule: exosome rna helicase mtr4; PDBTitle: crystal structures of the hmtr4-nrde2 complex
37	c1oywA_	Alignment	not modelled	100.0	17	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent dna helicase; PDBTitle: structure of the recq catalytic core
38	c2xgjA_	Alignment	not modelled	100.0	15	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
39	c6c90A_	Alignment	not modelled	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
40	c4xgtA_	Alignment	not modelled	100.0	15	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
41	c4bujA_	Alignment	not modelled	100.0	16	PDB header: hydrolase Chain: A: PDB Molecule: antiviral helicase ski2; PDBTitle: crystal structure of the s. cerevisiae ski2-3-8 complex
42	c5agaA_	Alignment	not modelled	100.0	18	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
43	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
44	c2va8A_	Alignment	not modelled	100.0	16	PDB header: hydrolase Chain: A: PDB Molecule: ski2-type helicase; PDBTitle: dna repair helicase hel308
45	c5tnuB_	Alignment	not modelled	100.0	30	PDB header: transcription Chain: B: PDB Molecule: dna-dependent atpase xpbii; PDBTitle: s. tokodaii xpb ii crystal structure at 3.0 angstrom resolution
46	c5m52B_	Alignment	not modelled	100.0	19	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
47	c4a4zA_	Alignment	not modelled	100.0	16	PDB header: hydrolase Chain: A: PDB Molecule: antiviral helicase ski2; PDBTitle: crystal structure of the s. cerevisiae dexh helicase ski2 bound to2 amppnp
48	c6iegA_	Alignment	not modelled	100.0	14	PDB header: rna binding protein Chain: A: PDB Molecule: exosome rna helicase mtr4; PDBTitle: crystal structure of human mtr4
49	c6ah0D_	Alignment	not modelled	100.0	20	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)
50	c5dcaA_	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
51	c3l9oA_	Alignment	not modelled	100.0	17	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent rna helicase dob1; PDBTitle: crystal structure of mtr4, a co-factor of the nuclear exosome
52	c5lqwC_	Alignment	not modelled	100.0	20	PDB header: splicing Chain: C: PDB Molecule: pre-mrna-splicing helicase brr2; PDBTitle: yeast activated spliceosome
53	c2zj8A_	Alignment	not modelled	100.0	20	PDB header: hydrolase Chain: A: PDB Molecule: putative ski2-type helicase; PDBTitle: archaeal dna helicase hjm apo state in form 2
54	c5lstA_	Alignment	not modelled	100.0	19	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent dna helicase q4; PDBTitle: crystal structure of the human recq4 helicase.

55	c1gl9B_	Alignment	not modelled	100.0	21	PDB header: topoisomerase Chain: B; PDB Molecule: reverse gyrase; PDBTitle: archaeoglobus fulgidus reverse gyrase complexed with adpnp
56	c4ddvA_	Alignment	not modelled	100.0	21	PDB header: hydrolase Chain: A; PDB Molecule: reverse gyrase; PDBTitle: thermotoga maritima reverse gyrase, triclinic form
57	c3tbkA_	Alignment	not modelled	100.0	17	PDB header: hydrolase Chain: A; PDB Molecule: rig-i helicase domain; PDBTitle: mouse rig-i atpase domain
58	c2p6uA_	Alignment	not modelled	100.0	20	PDB header: dna binding protein Chain: A; PDB Molecule: afuhel308 helicase; PDBTitle: apo structure of the hel308 superfamily 2 helicase
59	c4ljyA_	Alignment	not modelled	100.0	17	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	c3oiyB_	Alignment	not modelled	100.0	20	PDB header: isomerase Chain: B; PDB Molecule: reverse gyrase helicase domain; PDBTitle: helicase domain of reverse gyrase from thermotoga maritima
61	c4bgdA_	Alignment	not modelled	100.0	20	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
62	c1c4oA_	Alignment	not modelled	100.0	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
63	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
64	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 s10871
65	c3jcrC_	Alignment	not modelled	100.0	20	PDB header: splicing Chain: C; PDB Molecule: hbrr2; PDBTitle: 3d structure determination of the human*u4/u6.u5* tri-snRNP complex
66	c2db3D_	Alignment	not modelled	100.0	18	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
67	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
68	c3bxzA_	Alignment	not modelled	100.0	20	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
69	c2z0mA_	Alignment	not modelled	100.0	15	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
70	c3h1tA_	Alignment	not modelled	100.0	20	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
71	c2w74B_	Alignment	not modelled	100.0	16	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
72	c4pxaA_	Alignment	not modelled	100.0	17	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
73	c6f4aB_	Alignment	not modelled	100.0	18	PDB header: hydrolase Chain: B; PDB Molecule: suv3 helicase; PDBTitle: yeast mitochondrial rna degradosome complex mtexo
74	c2d7dA_	Alignment	not modelled	100.0	20	PDB header: hydrolase/dna Chain: A; PDB Molecule: uvrabc system protein b; PDBTitle: structural insights into the cryptic dna dependent atp-ase2 activity of uvrB
75	c5lb5C_	Alignment	not modelled	100.0	17	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).
76	c4on9B_	Alignment	not modelled	100.0	17	PDB header: hydrolase Chain: B; PDB Molecule: probable atp-dependent rna helicase ddx58; PDBTitle: dech box helicase domain
77	c4w7sA_	Alignment	not modelled	100.0	16	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
78	c3rc8A_	Alignment	not modelled	100.0	12	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
79	c3ewsA_	Alignment	not modelled	100.0	16	PDB header: hydrolase Chain: A; PDB Molecule: atp-dependent rna helicase ddx19b;

						PDBTitle: human dead-box rna-helicase ddx19 in complex with adp
80	c4d25A	Alignment	not modelled	100.0	17	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
81	c1hv8B	Alignment	not modelled	100.0	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
82	c3i5yA	Alignment	not modelled	100.0	15	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
83	c1s2mA	Alignment	not modelled	100.0	17	PDB header: rna binding protein Chain: A: PDB Molecule: putative atp-dependent rna helicase dhh1; PDBTitle: crystal structure of the dead box protein dhh1p
84	c6c0fp	Alignment	not modelled	100.0	15	PDB header: ribosome Chain: P: PDB Molecule: 60s ribosomal protein l17-a; PDBTitle: yeast nucleolar pre-60s ribosomal subunit (state 2)
85	c5dtuA	Alignment	not modelled	100.0	17	PDB header: hydrolase Chain: A: PDB Molecule: prp28; PDBTitle: crystal structure of the rna-helicase prp28 from chaetomium2 thermophilum bound to adp
86	c4nhoA	Alignment	not modelled	100.0	15	PDB header: hydrolase Chain: A: PDB Molecule: probable atp-dependent rna helicase ddx23; PDBTitle: structure of the spliceosomal dead-box protein prp28
87	c6iczY	Alignment	not modelled	100.0	19	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
88	c5ivA	Alignment	not modelled	100.0	16	PDB header: hydrolase Chain: A: PDB Molecule: dead-box atp-dependent rna helicase csha; PDBTitle: csha helicase
89	c6fa5A	Alignment	not modelled	100.0	19	PDB header: hydrolase Chain: A: PDB Molecule: putative mrna splicing factor; PDBTitle: crystal structure of the deah-box helicase prp2 in complex with adp
90	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
91	c1xtkA	Alignment	not modelled	100.0	16	PDB header: gene regulation Chain: A: PDB Molecule: probable atp-dependent rna helicase p47; PDBTitle: structure of decd to dead mutation of human uap56
92	c2jlrA	Alignment	not modelled	100.0	17	PDB header: hydrolase Chain: A: PDB Molecule: serine protease subunit ns3; PDBTitle: dengue virus 4 ns3 helicase in complex with amppnp
93	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
94	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
95	c5wsge	Alignment	not modelled	100.0	17	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
96	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
97	c2hxyC	Alignment	not modelled	100.0	16	PDB header: hydrolase Chain: C: PDB Molecule: probable atp-dependent rna helicase ddx48; PDBTitle: crystal structure of human apo-eif4aiii
98	c3fhtA	Alignment	not modelled	100.0	16	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
99	c5mqfq	Alignment	not modelled	100.0	18	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)
100	c4ernA	Alignment	not modelled	100.0	35	PDB header: hydrolase Chain: A: PDB Molecule: tftiif basal transcription factor complex helicase xpb PDBTitle: crystal structure of the c-terminal domain of human xpb/ercc-32 excision repair protein at 1.80 a
101	c6buaA	Alignment	not modelled	100.0	20	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)
102	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
103	c5lqwO	Alignment	not modelled	100.0	16	PDB header: splicing Chain: O: PDB Molecule: pre-mrna-splicing factor atp-dependent rna helicase-like PDBTitle: yeast activated spliceosome
104	c6hegA	Alignment	not modelled	100.0	17	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent rna helicase hrbp; PDBTitle: crystal structure of escherichia coli deah/rna helicase hrbp

105	c5n8zA_	Alignment	not modelled	100.0	14	PDB header: hydrolase Chain: A: PDB Molecule: cg9323, isoform a; PDBTitle: crystal structure of drosophila dhx36 helicase in complex with2 ctctccctt
106	c1ymfA_	Alignment	not modelled	100.0	20	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
107	c3pexA_	Alignment	not modelled	100.0	16	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent rna helicase dbp5; PDBTitle: s. cerevisiae dbp5 l327v bound to gle1 h337r and ip6
108	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
109	c5vheA_	Alignment	not modelled	100.0	18	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
110	c4qqxA_	Alignment	not modelled	100.0	14	PDB header: hydrolase/dna Chain: A: PDB Molecule: crispr-associated helicase, cas3 family; PDBTitle: crystal structure of t. fusca cas3-atp
111	c5z58x_	Alignment	not modelled	100.0	15	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.
112	c2vbcA_	Alignment	not modelled	100.0	18	PDB header: hydrolase Chain: A: PDB Molecule: dengue 4 ns3 full-length protein; PDBTitle: crystal structure of the ns3 protease-helicase from dengue2 virus
113	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
114	c2w00B_	Alignment	not modelled	100.0	14	PDB header: hydrolase Chain: B: PDB Molecule: hsdr; PDBTitle: crystal structure of the hsdr subunit of the ecor124i restriction2 enzyme in complex with atp
115	c2v6jA_	Alignment	not modelled	100.0	22	PDB header: hydrolase Chain: A: PDB Molecule: rna helicase; PDBTitle: kokobera virus helicase: mutant met47thr
116	c2i4iA_	Alignment	not modelled	100.0	16	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent rna helicase ddx3x; PDBTitle: crystal structure of human dead-box rna helicase ddx3x
117	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.
118	c4nl4H_	Alignment	not modelled	100.0	16	PDB header: dna binding protein Chain: H: PDB Molecule: primosome assembly protein pria; PDBTitle: pria helicase bound to adp
119	c6h57A_	Alignment	not modelled	100.0	20	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
120	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