



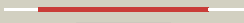





















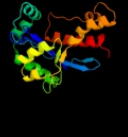

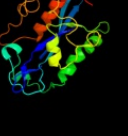




#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2f96a1	 Alignment		100.0	62	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: DnaQ-like 3'-5' exonuclease
2	c2is3B_	 Alignment		100.0	90	PDB header: hydrolase Chain: B: PDB Molecule: ribonuclease t; PDBTitle: crystal structure of escherichia coli rnase t
3	d2qxfa1	 Alignment		100.0	20	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: DnaQ-like 3'-5' exonuclease
4	c1zbuB_	 Alignment		100.0	20	PDB header: hydrolase Chain: B: PDB Molecule: 3'-5' exonuclease eri1; PDBTitle: crystal structure of full-length 3'-exonuclease
5	c1zbhA_	 Alignment		100.0	21	PDB header: hydrolase/rna Chain: A: PDB Molecule: 3'-5' exonuclease eri1; PDBTitle: 3'-end specific recognition of histone mrna stem-loop by 3'-2' exonuclease
6	c3cm6A_	 Alignment		100.0	15	PDB header: hydrolase, apoptosis Chain: A: PDB Molecule: cell death-related nuclease 4; PDBTitle: crystal structure of cell-death related nuclease 4 (crn-4)2 bound with er
7	d1y97a1	 Alignment		100.0	13	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: DnaQ-like 3'-5' exonuclease
8	c2xriA_	 Alignment		100.0	16	PDB header: hydrolase Chain: A: PDB Molecule: eri1 exoribonuclease 3; PDBTitle: crystal structure of human eri1 exoribonuclease 3
9	c2p1jB_	 Alignment		100.0	27	PDB header: transferase Chain: B: PDB Molecule: dna polymerase iii polc-type; PDBTitle: crystal structure of a polc-type dna polymerase iii2 exonuclease domain from thermotoga maritima
10	d2guia1	 Alignment		100.0	23	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: DnaQ-like 3'-5' exonuclease
11	d1w0ha_	 Alignment		100.0	17	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: DnaQ-like 3'-5' exonuclease

12	d3b6oa1	Alignment		100.0	11	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: DnaQ-like 3'-5' exonuclease
13	c3u6fA	Alignment		100.0	12	PDB header: hydrolase/dna Chain: A: PDB Molecule: three prime repair exonuclease 1; PDBTitle: mouse trex1 d200n mutant
14	dlj9aa	Alignment		100.0	14	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: DnaQ-like 3'-5' exonuclease
15	c3tr8A	Alignment		100.0	18	PDB header: hydrolase Chain: A: PDB Molecule: oligoribonuclease; PDBTitle: structure of an oligoribonuclease (orn) from coxiella burnetii
16	d2igia1	Alignment		100.0	13	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: DnaQ-like 3'-5' exonuclease
17	c2gbzA	Alignment		99.9	19	PDB header: hydrolase Chain: A: PDB Molecule: oligoribonuclease; PDBTitle: the crystal structure of xc847 from xanthomonas campestris: a 3-52 oligoribonuclease of dnaq fold family with a novel opposingly-shifted3 helix
18	d1wlja	Alignment		99.9	15	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: DnaQ-like 3'-5' exonuclease
19	d1uoca	Alignment		99.8	12	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: CAF1-like ribonuclease
20	d2d5ra1	Alignment		99.7	13	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: CAF1-like ribonuclease
21	c2p51A	Alignment	not modelled	99.7	15	PDB header: hydrolase, gene regulation Chain: A: PDB Molecule: spcc18.06c protein; PDBTitle: crystal structure of the s. pombe pop2p deadenylation2 subunit
22	c3d45B	Alignment	not modelled	99.4	19	PDB header: hydrolase Chain: B: PDB Molecule: poly(a)-specific ribonuclease parn; PDBTitle: crystal structure of mouse parn in complex with m7gpppg
23	c2a1sC	Alignment	not modelled	99.4	24	PDB header: hydrolase Chain: C: PDB Molecule: poly(a)-specific ribonuclease parn; PDBTitle: crystal structure of native parn nuclease domain
24	d1kfsa1	Alignment	not modelled	99.3	18	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: DnaQ-like 3'-5' exonuclease
25	d1x9ma1	Alignment	not modelled	99.1	19	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: DnaQ-like 3'-5' exonuclease
26	c2kzzA	Alignment	not modelled	99.1	16	PDB header: transferase/dna Chain: A: PDB Molecule: protein (dna polymerase i); PDBTitle: klenow fragment with normal substrate and zinc only
27	c1njzA	Alignment	not modelled	98.9	17	PDB header: transferase/dna Chain: A: PDB Molecule: dna polymerase i; PDBTitle: cytosine-thymine mismatch at the polymerase active site
28	d2hhva1	Alignment	not modelled	98.8	13	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: DnaQ-like 3'-5' exonuclease
29	c1h0A	Alignment	not modelled	98.7	20	PDB header: transferase/electron transport/dna Chain: A: PDB Molecule: dna polymerase;

29	c1k0A_	Alignment	not modelled	98.7	20	PDBTitle: t7 dna polymerase ternary complex with 8 oxo guanosine and2 ddctp at the insertion site PDB header: hydrolase,translation Chain: A: PDB Molecule: ribonuclease d; PDBTitle: crystal structure of escherichia coli rnase d, an2 exoribonuclease involved in structured rna processing
30	c1yt3A_	Alignment	not modelled	98.4	19	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: DnaQ-like 3'-5' exonuclease
31	d1wn7a1	Alignment	not modelled	98.4	17	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: DnaQ-like 3'-5' exonuclease
32	d1qhta1	Alignment	not modelled	98.4	18	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: DnaQ-like 3'-5' exonuclease
33	d1tgoa1	Alignment	not modelled	98.3	21	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: DnaQ-like 3'-5' exonuclease
34	d1yt3a3	Alignment	not modelled	98.3	16	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: DnaQ-like 3'-5' exonuclease
35	d1d5aa1	Alignment	not modelled	98.2	19	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: DnaQ-like 3'-5' exonuclease
36	c3iayA_	Alignment	not modelled	98.0	19	PDB header: transferase/dna Chain: A: PDB Molecule: dna polymerase delta catalytic subunit; PDBTitle: ternary complex of dna polymerase delta
37	c2gv9B_	Alignment	not modelled	98.0	18	PDB header: transferase Chain: B: PDB Molecule: dna polymerase; PDBTitle: crystal structure of the herpes simplex virus type 1 dna polymerase
38	c2e6mA_	Alignment	not modelled	97.9	12	PDB header: hydrolase Chain: A: PDB Molecule: werner syndrome atp-dependent helicase homolog; PDBTitle: structure of mouse werner exonuclease domain
39	c4ktqA_	Alignment	not modelled	97.8	19	PDB header: transferase/dna Chain: A: PDB Molecule: protein (large fragment of dna polymerase i); PDBTitle: binary complex of the large fragment of dna polymerase i2 from t. aquaticus bound to a primer/template dna
40	c3cymA_	Alignment	not modelled	97.8	23	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein bad_0989; PDBTitle: crystal structure of protein bad_0989 from bifidobacterium2 adolescentis
41	d1s5ja1	Alignment	not modelled	97.5	14	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: DnaQ-like 3'-5' exonuclease
42	c1d5aA_	Alignment	not modelled	97.3	21	PDB header: transferase Chain: A: PDB Molecule: protein (dna polymerase); PDBTitle: crystal structure of an archaeobacterial dna polymerase2 d.tok. deposition of second native structure at 2.43 angstrom
43	d1ih7a1	Alignment	not modelled	97.2	13	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: DnaQ-like 3'-5' exonuclease
44	c2hbkA_	Alignment	not modelled	97.2	15	PDB header: hydrolase, gene regulation Chain: A: PDB Molecule: exosome complex exonuclease rrp6; PDBTitle: structure of the yeast nuclear exosome component, rrp6p,2 reveals an interplay between the active site and the hrdc3 domain; protein in complex with mn
45	c3sahA_	Alignment	not modelled	97.1	16	PDB header: hydrolase Chain: A: PDB Molecule: exosome component 10; PDBTitle: crystal structure of the human rrp6 catalytic domain with y436a2 mutation in the catalytic site
46	d2hbk2	Alignment	not modelled	97.1	16	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: DnaQ-like 3'-5' exonuclease
47	d1q8ia1	Alignment	not modelled	96.9	18	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: DnaQ-like 3'-5' exonuclease
48	c2vwkA_	Alignment	not modelled	96.8	18	PDB header: dna replication Chain: A: PDB Molecule: dna polymerase; PDBTitle: uracil recognition in archaeal dna polymerases captured by2 x-ray crystallography. v93q polymerase variant
49	d1nova_	Alignment	not modelled	96.4	16	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: DnaQ-like 3'-5' exonuclease
50	c1s5jA_	Alignment	not modelled	92.8	19	PDB header: transferase Chain: A: PDB Molecule: dna polymerase i; PDBTitle: insight in dna replication: the crystal structure of dna2 polymerase b1 from the archaeon sulfolobus solfataricus
51	c1q8iA_	Alignment	not modelled	91.7	18	PDB header: transferase Chain: A: PDB Molecule: dna polymerase ii; PDBTitle: crystal structure of escherichia coli dna polymerase ii
52	d1vk0a_	Alignment	not modelled	83.6	11	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: DnaQ-like 3'-5' exonuclease
53	c2dtuA_	Alignment	not modelled	81.9	13	PDB header: transferase/dna Chain: A: PDB Molecule: dna polymerase; PDBTitle: crystal structure of the beta hairpin loop deletion variant2 of rb69 gp43 in complex with dna containing an abasic site3 analog
54	c3ikmD_	Alignment	not modelled	81.5	17	PDB header: transferase Chain: D: PDB Molecule: dna polymerase subunit gamma-1; PDBTitle: crystal structure of human mitochondrial dna polymerase2 holoenzyme
55	c1cmuA_	Alignment	not modelled	66.1	22	PDB header: transferase Chain: A: PDB Molecule: protein (dna polymerase i);

55	c1cmwA_	Alignment	not modelled	66.1	42	PDBTitle: crystal structure of taq dna-polymerase shows a new2 orientation for the structure-specific nuclease domain
56	c3mx2A_	Alignment	not modelled	56.8	16	PDB header: nuclear protein Chain: A: PDB Molecule: nucleoprotein; PDBTitle: lassa fever virus nucleoprotein complexed with dttp
57	d2py5a1	Alignment	not modelled	32.0	33	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: DnaQ-like 3'-5' exonuclease
58	d1fnoa4	Alignment	not modelled	7.7	15	Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: Bacterial dinuclear zinc exopeptidases
59	c2ex3l_	Alignment	not modelled	6.5	19	PDB header: transferase/replication Chain: I: PDB Molecule: dna polymerase; PDBTitle: bacteriophage phi29 dna polymerase bound to terminal protein