










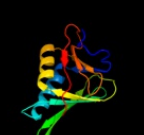





















#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1unnA_	 Alignment		100.0	100	PDB header: beta-clamp Chain: A: PDB Molecule: dna polymerase iii beta subunit; PDBTitle: complex of beta-clamp processivity factor and little finger2 domain of poliv
2	c1vpkA_	 Alignment		100.0	27	PDB header: transferase Chain: A: PDB Molecule: dna polymerase iii, beta subunit; PDBTitle: crystal structure of beta-clamp processivity factor and little finger2 domain of poliv
3	c2awaB_	 Alignment		100.0	22	PDB header: transferase Chain: B: PDB Molecule: dna polymerase iii, beta chain; PDBTitle: crystal structure of dna polymerase iii, beta chain (ec 2.7.7.7)2 (np_344555.1) from streptococcus pneumoniae tigr4 at 2.50 a3 resolution
4	c3p16A_	 Alignment		100.0	30	PDB header: transferase Chain: A: PDB Molecule: dna polymerase iii subunit beta; PDBTitle: crystal structure of dna polymerase iii sliding clamp
5	c3t0pB_	 Alignment		100.0	23	PDB header: transferase Chain: B: PDB Molecule: dna polymerase iii, beta subunit; PDBTitle: crystal structure of a putative dna polymerase iii beta subunit2 (eubrec_0002; ere_29750) from eubacterium rectale atcc 33656 at 2.263 a resolution
6	d1ok7a3	 Alignment		100.0	100	Fold: DNA clamp Superfamily: DNA clamp Family: DNA polymerase III, beta subunit
7	d1vpka3	 Alignment		100.0	25	Fold: DNA clamp Superfamily: DNA clamp Family: DNA polymerase III, beta subunit
8	c1rwzA_	 Alignment		100.0	14	PDB header: replication Chain: A: PDB Molecule: dna polymerase sliding clamp; PDBTitle: crystal structure of proliferating cell nuclear antigen (pcna) from a.2 fulgidus
9	c3hi8C_	 Alignment		100.0	15	PDB header: replication Chain: C: PDB Molecule: proliferating cell nuclear antigen pcna; PDBTitle: crystal structure of proliferating cell nuclear antigen2 (pcna) from haloferax volcanii
10	c2ix2B_	 Alignment		100.0	12	PDB header: replication Chain: B: PDB Molecule: dna polymerase sliding clamp c; PDBTitle: crystal structure of the heterotrimeric pcna from2 sulfolobus solfataricus
11	c3p91A_	 Alignment		100.0	12	PDB header: dna binding protein Chain: A: PDB Molecule: proliferating cell nuclear antigen; PDBTitle: crystal structure of proliferating cellular nuclear antigen from2 entamoeba histolytica

12	c2zvvh_	Alignment		100.0	15	PDB header: dna binding protein Chain: H: PDB Molecule: proliferating cell nuclear antigen 2; PDBTitle: crystal structure of proliferating cell nuclear antigen 22 and short peptide from human p21
13	d1ok7a1	Alignment		100.0	100	Fold: DNA clamp Superfamily: DNA clamp Family: DNA polymerase III, beta subunit
14	d1ok7a2	Alignment		100.0	100	Fold: DNA clamp Superfamily: DNA clamp Family: DNA polymerase III, beta subunit
15	d1vpka2	Alignment		100.0	26	Fold: DNA clamp Superfamily: DNA clamp Family: DNA polymerase III, beta subunit
16	c3aizD_	Alignment		100.0	12	PDB header: replication Chain: D: PDB Molecule: dna polymerase sliding clamp c; PDBTitle: crystal structure of pcna2-pcna3 complex from sulfolobus tokodaii2 (p21212)
17	c1ge8A_	Alignment		100.0	18	PDB header: dna binding protein Chain: A: PDB Molecule: proliferation cell nuclear antigen; PDBTitle: proliferating cell nuclear antigen (pcna) homolog from2 pyrococcus furiosus
18	c2zvkc_	Alignment		100.0	12	PDB header: transferase Chain: C: PDB Molecule: proliferating cell nuclear antigen; PDBTitle: crystal structure of pcna in complex with dna polymerase eta fragment
19	d1vpka1	Alignment		100.0	29	Fold: DNA clamp Superfamily: DNA clamp Family: DNA polymerase III, beta subunit
20	c3lx2A_	Alignment		100.0	15	PDB header: dna binding protein Chain: A: PDB Molecule: dna polymerase sliding clamp 2; PDBTitle: crystal structure analysis of pcna from thermococcus kodakaraensis2 tk0582
21	c2ijxA_	Alignment	not modelled	100.0	14	PDB header: dna binding protein Chain: A: PDB Molecule: dna polymerase sliding clamp a; PDBTitle: crystal structure of pcna3 monomer from sulfolobus solfataricus.
22	c2od8A_	Alignment	not modelled	99.9	14	PDB header: protein binding Chain: A: PDB Molecule: proliferating cell nuclear antigen; PDBTitle: structure of a peptide derived from cdc9 bound to pcna
23	c3k4xA_	Alignment	not modelled	99.8	17	PDB header: dna binding protein/dna Chain: A: PDB Molecule: proliferating cell nuclear antigen; PDBTitle: eukaryotic sliding clamp pcna bound to dna
24	c1ud9C_	Alignment	not modelled	99.8	16	PDB header: dna binding protein Chain: C: PDB Molecule: dna polymerase sliding clamp a; PDBTitle: crystal structure of proliferating cell nuclear antigen (pcna) homolog2 from sulfolobus tokodaii
25	c3aizB_	Alignment	not modelled	99.7	9	PDB header: replication Chain: B: PDB Molecule: dna polymerase sliding clamp b; PDBTitle: crystal structure of pcna2-pcna3 complex from sulfolobus tokodaii2 (p21212)
26	c3g65A_	Alignment	not modelled	99.5	11	PDB header: cell cycle Chain: A: PDB Molecule: cell cycle checkpoint control protein rad9a; PDBTitle: crystal structure of the human rad9-rad1-hus1 dna damage2 checkpoint complex
27	c1sxfF_	Alignment	not modelled	99.4	16	PDB header: replication Chain: F: PDB Molecule: proliferating cell nuclear antigen; PDBTitle: crystal structure of the eukaryotic clamp loader2 (replication factor c, rfc) bound to the dna sliding clamp3 (proliferating cell nuclear antigen, pcna)
28	c2ix2A_	Alignment	not modelled	99.1	12	PDB header: replication Chain: A: PDB Molecule: dna polymerase sliding clamp b; PDBTitle: crystal structure of the heterotrimeric pcna from2

						sulfolobus solfataricus
29	c3g65B_	Alignment	not modelled	98.9	10	PDB header: cell cycle Chain: B: PDB Molecule: cell cycle checkpoint protein rad1; PDBTitle: crystal structure of the human rad9-rad1-hus1 dna damage2 checkpoint complex
30	c3ggrA_	Alignment	not modelled	98.8	12	PDB header: cell cycle Chain: A: PDB Molecule: cell cycle checkpoint control protein rad9a; PDBTitle: crystal structure of the human rad9-hus1-rad1 complex
31	d1u7ba2	Alignment	not modelled	98.6	14	Fold: DNA clamp Superfamily: DNA clamp Family: DNA polymerase processivity factor
32	d1iz5a2	Alignment	not modelled	98.5	22	Fold: DNA clamp Superfamily: DNA clamp Family: DNA polymerase processivity factor
33	d1plqa2	Alignment	not modelled	98.5	16	Fold: DNA clamp Superfamily: DNA clamp Family: DNA polymerase processivity factor
34	d1rwza2	Alignment	not modelled	98.4	17	Fold: DNA clamp Superfamily: DNA clamp Family: DNA polymerase processivity factor
35	d1ud9a2	Alignment	not modelled	98.1	19	Fold: DNA clamp Superfamily: DNA clamp Family: DNA polymerase processivity factor
36	c3l0wA_	Alignment	not modelled	97.9	13	PDB header: replication Chain: A: PDB Molecule: proliferating cell nuclear antigen; PDBTitle: structure of split monoubiquitinated pcna with ubiquitin in2 position two
37	d1rwza1	Alignment	not modelled	97.6	12	Fold: DNA clamp Superfamily: DNA clamp Family: DNA polymerase processivity factor
38	d1iz5a1	Alignment	not modelled	97.5	11	Fold: DNA clamp Superfamily: DNA clamp Family: DNA polymerase processivity factor
39	c1b8hA_	Alignment	not modelled	96.8	9	PDB header: transferase Chain: A: PDB Molecule: dna polymerase processivity component; PDBTitle: sliding clamp, dna polymerase
40	d1ud9a1	Alignment	not modelled	96.1	11	Fold: DNA clamp Superfamily: DNA clamp Family: DNA polymerase processivity factor
41	d1u7ba1	Alignment	not modelled	95.1	13	Fold: DNA clamp Superfamily: DNA clamp Family: DNA polymerase processivity factor
42	d1plqa1	Alignment	not modelled	94.9	11	Fold: DNA clamp Superfamily: DNA clamp Family: DNA polymerase processivity factor
43	c3pgeA_	Alignment	not modelled	94.8	18	PDB header: dna binding protein Chain: A: PDB Molecule: sumo-modified proliferating cell nuclear antigen; PDBTitle: structure of sumoylated pcna
44	c3l0xB_	Alignment	not modelled	93.9	18	PDB header: replication Chain: B: PDB Molecule: proliferating cell nuclear antigen; PDBTitle: structure of split yeast pcna
45	c3ggrB_	Alignment	not modelled	91.3	12	PDB header: cell cycle Chain: B: PDB Molecule: checkpoint protein hus1; PDBTitle: crystal structure of the human rad9-hus1-rad1 complex
46	c2obkE_	Alignment	not modelled	80.6	15	PDB header: structural genomics, unknown function Chain: E: PDB Molecule: selt/selw/selh selenoprotein domain; PDBTitle: x-ray structure of the putative se binding protein from pseudomonas2 fluorescens. northeast structural genomics consortium target plr6.
47	d2fa8a1	Alignment	not modelled	76.2	15	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Selenoprotein W-related
48	c2p0gB_	Alignment	not modelled	70.7	10	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: selenoprotein w-related protein; PDBTitle: crystal structure of selenoprotein w-related protein from2 vibrio cholerae. northeast structural genomics target vcr75
49	d1czda1	Alignment	not modelled	64.4	17	Fold: DNA clamp Superfamily: DNA clamp Family: DNA polymerase processivity factor
50	c2ojlB_	Alignment	not modelled	57.5	21	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: hypothetical protein; PDBTitle: crystal structure of q7waf1_borpa from bordetella parapertussis.2 northeast structural genomics target bpr68.
51	d1b77a1	Alignment	not modelled	45.8	15	Fold: DNA clamp Superfamily: DNA clamp Family: DNA polymerase processivity factor
52	c3l0wB_	Alignment	not modelled	45.1	12	PDB header: replication Chain: B: PDB Molecule: monoubiquitinated proliferating cell nuclear PDBTitle: structure of split monoubiquitinated pcna with ubiquitin in2 position two
53	c2npbA_	Alignment	not modelled	21.4	15	PDB header: oxidoreductase Chain: A: PDB Molecule: selenoprotein w; PDBTitle: nmr solution structure of mouse selw
54	d1usha1	Alignment	not modelled	21.2	8	Fold: 5'-nucleotidase (syn. UDP-sugar hydrolase), C-terminal domain Superfamily: 5'-nucleotidase (syn. UDP-sugar hydrolase), C-terminal domain Family: 5'-nucleotidase (syn. UDP-sugar hydrolase), C-terminal

					domain
55	c3dexA_	Alignment	not modelled	19.6	19 PDB header: structural genomics, unknown function Chain: A: PDB Molecule: sav_2001; PDBTitle: crystal structure of sav_2001 protein from streptomyces2 avermitilis, northeast structural genomics consortium3 target svr107.
56	c1oidA_	Alignment	not modelled	17.4	11 PDB header: hydrolase Chain: A: PDB Molecule: protein usha; PDBTitle: 5'-nucleotidase (e. coli) with an engineered disulfide2 bridge (s228c, p513c)
57	c2zf9D_	Alignment	not modelled	12.8	15 PDB header: structural protein Chain: D: PDB Molecule: scae cell-surface anchored scaffoldin protein; PDBTitle: crystal structure of a type iii cohesin module from the cellulosomal2 scae cell-surface anchoring scaffoldin of ruminococcus flavefaciens
58	d1vqoe2	Alignment	not modelled	11.8	24 Fold: Ribosomal protein L6 Superfamily: Ribosomal protein L6 Family: Ribosomal protein L6
59	d2dkya1	Alignment	not modelled	10.9	21 Fold: SAM domain-like Superfamily: SAM/Pointed domain Family: Variant SAM domain
60	c3qyhG_	Alignment	not modelled	8.6	29 PDB header: lyase Chain: G: PDB Molecule: co-type nitrile hydratase alpha subunit; PDBTitle: crystal structure of co-type nitrile hydratase beta-h711 from2 pseudomonas putida.
61	c2pjzA_	Alignment	not modelled	7.8	21 PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical protein st1066; PDBTitle: the crystal structure of putative cobalt transport atp-2 binding protein (cbio-2), st1066
62	d1iwma_	Alignment	not modelled	7.7	10 Fold: LoLA-like prokaryotic lipoproteins and lipoprotein localization factors Superfamily: Prokaryotic lipoproteins and lipoprotein localization factors Family: Outer membrane lipoprotein receptor LoLB
63	c2dxbR_	Alignment	not modelled	7.0	43 PDB header: hydrolase Chain: R: PDB Molecule: thiocyanate hydrolase subunit gamma; PDBTitle: recombinant thiocyanate hydrolase comprising partially-modified cobalt2 centers
64	d1v29a_	Alignment	not modelled	6.7	29 Fold: Nitrile hydratase alpha chain Superfamily: Nitrile hydratase alpha chain Family: Nitrile hydratase alpha chain
65	d1b77a2	Alignment	not modelled	6.7	8 Fold: DNA clamp Superfamily: DNA clamp Family: DNA polymerase processivity factor
66	d1czda2	Alignment	not modelled	6.2	11 Fold: DNA clamp Superfamily: DNA clamp Family: DNA polymerase processivity factor