

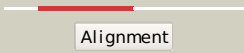

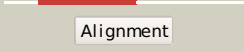

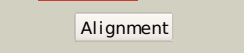



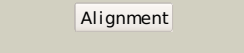

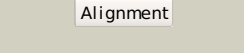

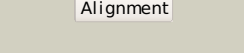



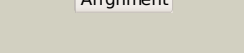

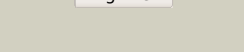
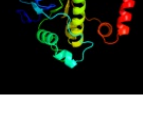

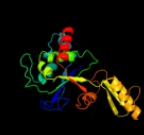



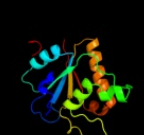





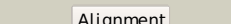




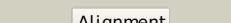

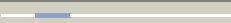

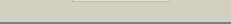
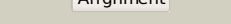
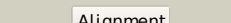



#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3nuhB_	 Alignment		100.0	98	PDB header: isomerase Chain: B: PDB Molecule: dna gyrase subunit b; PDBTitle: a domain insertion in e. coli gyrb adopts a novel fold that plays a2 critical role in gyrase function
2	c3lnuA_	 Alignment		100.0	36	PDB header: isomerase Chain: A: PDB Molecule: topoisomerase iv subunit b; PDBTitle: crystal structure of pare subunit
3	c1zxnB_	 Alignment		100.0	23	PDB header: isomerase Chain: B: PDB Molecule: dna topoisomerase ii, alpha isozyme; PDBTitle: human dna topoisomerase iia atpase/adp
4	c1ei1B_	 Alignment		100.0	99	PDB header: isomerase Chain: B: PDB Molecule: dna gyrase b; PDBTitle: dimerization of e. coli dna gyrase b provides a structural mechanism2 for activating the atpase catalytic center
5	c1qzrA_	 Alignment		100.0	27	PDB header: isomerase Chain: A: PDB Molecule: dna topoisomerase ii; PDBTitle: crystal structure of the atpase region of saccharomyces cerevisiae2 topoisomerase ii bound to icrf-187 (dexrazoxane)
6	c1s16B_	 Alignment		100.0	37	PDB header: isomerase Chain: B: PDB Molecule: topoisomerase iv subunit b; PDBTitle: crystal structure of e. coli topoisomerase iv pare 43kda subunit2 complexed with adpnp
7	c3cwvB_	 Alignment		100.0	31	PDB header: isomerase Chain: B: PDB Molecule: dna gyrase, b subunit, truncated; PDBTitle: crystal structure of b-subunit of the dna gyrase from myxococcus2 xanthus
8	c1kijB_	 Alignment		100.0	47	PDB header: isomerase Chain: B: PDB Molecule: dna gyrase subunit b; PDBTitle: crystal structure of the 43k atpase domain of thermophilus2 gyrase b in complex with novobiocin
9	c2xkjE_	 Alignment		100.0	47	PDB header: isomerase Chain: E: PDB Molecule: topoisomerase iv; PDBTitle: crystal structure of catalytic core of a. baumannii topo iv2 (pare-parc fusion truncate)
10	c2xcqA_	 Alignment		100.0	71	PDB header: isomerase Chain: A: PDB Molecule: dna gyrase subunit b, dna gyrase subunit a; PDBTitle: the 2.98a crystal structure of the catalytic core (b'a'2 region) of staphylococcus aureus dna gyrase
11	c2xcsD_	 Alignment		100.0	71	PDB header: isomerase Chain: D: PDB Molecule: dna gyrase subunit b, dna gyrase subunit a; PDBTitle: the 2.1a crystal structure of s. aureus gyrase complex with gsk2994232 and dna

12	c3fofD_	Alignment		100.0	66	PDB header: isomerase/dna Chain: D: PDB Molecule: dna topoisomerase 4 subunit b; PDBTitle: structural insight into the quinolone-dna cleavage complex2 of type iia topoisomerases
13	c2zjtB_	Alignment		100.0	57	PDB header: isomerase Chain: B: PDB Molecule: dna gyrase subunit b; PDBTitle: crystal structure of dna gyrase b' domain sheds lights on2 the mechanism for t-segment navigation
14	d1pvga2	Alignment		100.0	28	Fold: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Superfamily: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Family: DNA gyrase/MutL, N-terminal domain
15	d1bjta_	Alignment		100.0	34	Fold: Type II DNA topoisomerase Superfamily: Type II DNA topoisomerase Family: Type II DNA topoisomerase
16	c1bjta_	Alignment		100.0	34	PDB header: topoisomerase Chain: A: PDB Molecule: topoisomerase ii; PDBTitle: topoisomerase ii residues 409-1201
17	c3qx3B_	Alignment		100.0	35	PDB header: isomerase/dna/isomerase inhibitor Chain: B: PDB Molecule: dna topoisomerase 2-beta; PDBTitle: human topoisomerase iibeta in complex with dna and etoposide
18	d1ei1a2	Alignment		100.0	99	Fold: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Superfamily: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Family: DNA gyrase/MutL, N-terminal domain
19	d1s16a2	Alignment		100.0	47	Fold: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Superfamily: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Family: DNA gyrase/MutL, N-terminal domain
20	d1kija2	Alignment		100.0	51	Fold: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Superfamily: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Family: DNA gyrase/MutL, N-terminal domain
21	d1kija1	Alignment	not modelled	100.0	44	Fold: Ribosomal protein S5 domain 2-like Superfamily: Ribosomal protein S5 domain 2-like Family: DNA gyrase/MutL, second domain
22	d1ei1a1	Alignment	not modelled	100.0	100	Fold: Ribosomal protein S5 domain 2-like Superfamily: Ribosomal protein S5 domain 2-like Family: DNA gyrase/MutL, second domain
23	c3g7bB_	Alignment	not modelled	100.0	57	PDB header: isomerase Chain: B: PDB Molecule: dna gyrase subunit b; PDBTitle: staphylococcus aureus gyrase b co-complex with inhibitor
24	d1s16a1	Alignment	not modelled	100.0	24	Fold: Ribosomal protein S5 domain 2-like Superfamily: Ribosomal protein S5 domain 2-like Family: DNA gyrase/MutL, second domain
25	d1s14a_	Alignment	not modelled	100.0	44	Fold: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Superfamily: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Family: DNA gyrase/MutL, N-terminal domain
26	d1pvga1	Alignment	not modelled	100.0	23	Fold: Ribosomal protein S5 domain 2-like Superfamily: Ribosomal protein S5 domain 2-like Family: DNA gyrase/MutL, second domain
27	c2q2eB_	Alignment	not modelled	99.9	20	PDB header: isomerase Chain: B: PDB Molecule: type 2 dna topoisomerase 6 subunit b; PDBTitle: crystal structure of the topoisomerase vi holoenzyme from2 methanosarcina mazei
28	c2zbkB_	Alignment	not modelled	99.8	19	PDB header: isomerase Chain: B: PDB Molecule: type 2 dna topoisomerase 6 subunit b; PDBTitle: crystal structure of an intact type ii dna topoisomerase:2 insights into dna transfer mechanisms

29	c3h4lB_	Alignment	not modelled	99.8	17	PDB header: dna binding protein, protein binding Chain: B: PDB Molecule: dna mismatch repair protein pms1; PDBTitle: crystal structure of n terminal domain of a dna repair protein
30	d2hkja3	Alignment	not modelled	99.7	14	Fold: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Superfamily: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Family: DNA gyrase/MutL, N-terminal domain
31	c1mx0D_	Alignment	not modelled	99.7	17	PDB header: isomerase Chain: D: PDB Molecule: type ii dna topoisomerase vi subunit b; PDBTitle: structure of topoisomerase subunit
32	c3na3A_	Alignment	not modelled	99.6	16	PDB header: protein binding Chain: A: PDB Molecule: dna mismatch repair protein mlh1; PDBTitle: mutl protein homolog 1 isoform 1 from homo sapiens
33	d1b63a2	Alignment	not modelled	99.5	20	Fold: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Superfamily: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Family: DNA gyrase/MutL, N-terminal domain
34	c1bkna_	Alignment	not modelled	99.4	16	PDB header: dna repair Chain: A: PDB Molecule: mutl; PDBTitle: crystal structure of an n-terminal 40kd fragment of e. coli2 dna mismatch repair protein mutl
35	d1h7sa2	Alignment	not modelled	99.4	20	Fold: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Superfamily: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Family: DNA gyrase/MutL, N-terminal domain
36	d1bkna2	Alignment	not modelled	99.3	21	Fold: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Superfamily: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Family: DNA gyrase/MutL, N-terminal domain
37	c1ea6A_	Alignment	not modelled	99.1	24	PDB header: dna repair Chain: A: PDB Molecule: pms1 protein homolog 2; PDBTitle: n-terminal 40kda fragment of nhpms2 complexed with adp
38	c2akpA_	Alignment	not modelled	98.9	17	PDB header: chaperone Chain: A: PDB Molecule: atp-dependent molecular chaperone hsp82; PDBTitle: hsp90 delta24-n210 mutant
39	c3iedA_	Alignment	not modelled	98.8	23	PDB header: chaperone Chain: A: PDB Molecule: heat shock protein; PDBTitle: crystal structure of n-terminal domain of plasmodium falciparum hsp902 (pf14_0417) in complex with amppn
40	d2iwxal	Alignment	not modelled	98.7	18	Fold: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Superfamily: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Family: Heat shock protein 90, HSP90, N-terminal domain
41	c2fwyA_	Alignment	not modelled	98.7	19	PDB header: chaperone Chain: A: PDB Molecule: heat shock protein hsp 90-alpha; PDBTitle: structure of human hsp90-alpha bound to the potent water2 soluble inhibitor pu-h64
42	d1uyla_	Alignment	not modelled	98.7	18	Fold: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Superfamily: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Family: Heat shock protein 90, HSP90, N-terminal domain
43	c1zwhA_	Alignment	not modelled	98.7	18	PDB header: chaperone Chain: A: PDB Molecule: atp-dependent molecular chaperone hsp82; PDBTitle: yeast hsp82 in complex with the novel hsp90 inhibitor radester amine
44	d1uyma_	Alignment	not modelled	98.7	18	Fold: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Superfamily: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Family: Heat shock protein 90, HSP90, N-terminal domain
45	c2cg9A_	Alignment	not modelled	98.4	17	PDB header: chaperone Chain: A: PDB Molecule: atp-dependent molecular chaperone hsp82; PDBTitle: crystal structure of an hsp90-sba1 closed chaperone complex
46	c2iorA_	Alignment	not modelled	98.4	20	PDB header: chaperone Chain: A: PDB Molecule: chaperone protein htpg; PDBTitle: crystal structure of the n-terminal domain of htpg, the2 escherichia coli hsp90, bound to adp
47	d1qy5a_	Alignment	not modelled	98.3	18	Fold: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Superfamily: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Family: Heat shock protein 90, HSP90, N-terminal domain
48	d2gqpa1	Alignment	not modelled	98.2	21	Fold: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Superfamily: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Family: Heat shock protein 90, HSP90, N-terminal domain
49	c2o1wB_	Alignment	not modelled	98.2	21	PDB header: chaperone Chain: B: PDB Molecule: endoplasmic; PDBTitle: structure of n-terminal plus middle domains (n+m) of grp94
50	c3pehB_	Alignment	not modelled	98.2	19	PDB header: chaperone Chain: B: PDB Molecule: endoplasmic homolog; PDBTitle: crystal structure of the n-terminal domain of an hsp90 from plasmodium2 falciparum, pf1070c in the presence of a thienopyrimidine derivative
51	c1y4sa_	Alignment	not modelled	98.0	16	PDB header: chaperone Chain: A: PDB Molecule: chaperone protein htpg; PDBTitle: conformation rearrangement of heat shock protein 90 upon2 adp binding

52	c1giva	Alignment	not modelled	97.8	22	PDB header: transferase Chain: A: PDB Molecule: [3-methyl-2-oxobutanoate dehydrogenase PDBTitle: branched-chain alpha-ketoacid dehydrogenase kinase (bck)2 complexed with atp-gamma-s
53	c2bu8A	Alignment	not modelled	97.8	26	PDB header: transferase Chain: A: PDB Molecule: pyruvate dehydrogenase kinase isoenzyme 2; PDBTitle: crystal structures of human pyruvate dehydrogenase kinase 22 containing physiological and synthetic ligands
54	c1y8oA	Alignment	not modelled	97.7	21	PDB header: transferase Chain: A: PDB Molecule: [pyruvate dehydrogenase [lipoamide]] kinase isozyme 3; PDBTitle: crystal structure of the pdk3-l2 complex
55	c2iopD	Alignment	not modelled	97.7	14	PDB header: chaperone Chain: D: PDB Molecule: chaperone protein htpg; PDBTitle: crystal structure of full-length htpg, the escherichia coli2 hsp90, bound to adp
56	c3d2rB	Alignment	not modelled	97.7	22	PDB header: transferase Chain: B: PDB Molecule: [pyruvate dehydrogenase [lipoamide]] kinase isozyme 4; PDBTitle: crystal structure of pyruvate dehydrogenase kinase isoform 4 in2 complex with adp
57	c2q8fA	Alignment	not modelled	97.4	25	PDB header: transferase Chain: A: PDB Molecule: [pyruvate dehydrogenase [lipoamide]] kinase isozyme 1; PDBTitle: structure of pyruvate dehydrogenase kinase isoform 1
58	c3d36B	Alignment	not modelled	97.2	19	PDB header: transferase/transferase inhibitor Chain: B: PDB Molecule: sporulation kinase b; PDBTitle: how to switch off a histidine kinase: crystal structure of2 geobacillus stearothermophilus kinb with the inhibitor sda
59	d1jm6a2	Alignment	not modelled	97.1	23	Fold: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Superfamily: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Family: alpha-ketoacid dehydrogenase kinase, C-terminal domain
60	c2c2aA	Alignment	not modelled	97.1	18	PDB header: transferase Chain: A: PDB Molecule: sensor histidine kinase; PDBTitle: structure of the entire cytoplasmic portion of a sensor2 histidine kinase protein
61	d1gkza2	Alignment	not modelled	96.7	20	Fold: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Superfamily: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Family: alpha-ketoacid dehydrogenase kinase, C-terminal domain
62	c2o1uA	Alignment	not modelled	96.5	21	PDB header: chaperone Chain: A: PDB Molecule: endoplasmic; PDBTitle: structure of full length grp94 with amp-pnp bound
63	c3a0rA	Alignment	not modelled	96.4	27	PDB header: transferase Chain: A: PDB Molecule: sensor protein; PDBTitle: crystal structure of histidine kinase thka (tm1359) in complex with2 response regulator protein trra (tm1360)
64	c1b3qA	Alignment	not modelled	96.3	28	PDB header: transferase Chain: A: PDB Molecule: protein (chemotaxis protein chea); PDBTitle: crystal structure of chea-289, a signal transducing histidine kinase
65	d1th8a	Alignment	not modelled	96.2	17	Fold: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Superfamily: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Family: Histidine kinase
66	d1y8oa2	Alignment	not modelled	96.1	23	Fold: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Superfamily: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Family: alpha-ketoacid dehydrogenase kinase, C-terminal domain
67	d1bxda	Alignment	not modelled	96.0	24	Fold: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Superfamily: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Family: Histidine kinase
68	c3a0tA	Alignment	not modelled	95.8	23	PDB header: transferase Chain: A: PDB Molecule: sensor protein; PDBTitle: catalytic domain of histidine kinase thka (tm1359) in2 complex with adp and mg ion (trigonal)
69	d2c2aa2	Alignment	not modelled	95.8	22	Fold: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Superfamily: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Family: Histidine kinase
70	c2ch4A	Alignment	not modelled	95.7	32	PDB header: transferase/chemotaxis Chain: A: PDB Molecule: chemotaxis protein chea; PDBTitle: complex between bacterial chemotaxis histidine kinase chea2 domains p4 and p5 and receptor-adaptor protein chew
71	c3jz3B	Alignment	not modelled	95.2	36	PDB header: transferase Chain: B: PDB Molecule: sensor protein qsec; PDBTitle: structure of the cytoplasmic segment of histidine kinase qsec
72	d1ysra1	Alignment	not modelled	95.0	24	Fold: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Superfamily: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Family: Histidine kinase
73	c3ehgA	Alignment	not modelled	94.4	24	PDB header: transferase Chain: A: PDB Molecule: sensor kinase (yocf protein); PDBTitle: crystal structure of the atp-binding domain of desk in complex with2 atp
74	d1id0a	Alignment	not modelled	94.3	31	Fold: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Superfamily: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Family: Histidine kinase
						PDB header: unknown function

75	c3ke6A	Alignment	not modelled	92.4	28	Chain: A: PDB Molecule: protein rv1364c/mt1410; PDBTitle: the crystal structure of the rsbu and rsbw domains of rv1364c from2 mycobacterium tuberculosis
76	dli58a	Alignment	not modelled	90.5	34	Fold: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Superfamily: ATPase domain of HSP90 chaperone/DNA topoisomerase II/histidine kinase Family: Histidine kinase
77	dlixma	Alignment	not modelled	89.8	9	Fold: Sporulation response regulatory protein Spo0B Superfamily: Sporulation response regulatory protein Spo0B Family: Sporulation response regulatory protein Spo0B
78	c3gieA	Alignment	not modelled	86.7	22	PDB header: transferase Chain: A: PDB Molecule: sensor histidine kinase desk; PDBTitle: crystal structure of deskc_h188e in complex with amp-pcp
79	c3zxqA	Alignment	not modelled	85.1	32	PDB header: transferase Chain: A: PDB Molecule: hypoxia sensor histidine kinase response regulator dost; PDBTitle: crystal structure of the atp-binding domain of mycobacterium2 tuberculosis dost
80	c3zxoB	Alignment	not modelled	80.6	39	PDB header: transferase Chain: B: PDB Molecule: redox sensor histidine kinase response regulator devs; PDBTitle: crystal structure of the mutant atp-binding domain of2 mycobacterium tuberculosis doss
81	dlvdda	Alignment	not modelled	77.4	18	Fold: Recombination protein RecR Superfamily: Recombination protein RecR Family: Recombination protein RecR
82	c3ssoE	Alignment	not modelled	64.3	38	PDB header: transferase Chain: E: PDB Molecule: methyltransferase; PDBTitle: myce methyltransferase from the mycinamycin biosynthetic pathway in2 complex with mg and sah, crystal form 2
83	d2fcja1	Alignment	not modelled	52.7	20	Fold: Toprim domain Superfamily: Toprim domain Family: Toprim domain
84	c1vddC	Alignment	not modelled	51.4	20	PDB header: recombination Chain: C: PDB Molecule: recombination protein recr; PDBTitle: crystal structure of recombinational repair protein recr
85	d2hkja2	Alignment	not modelled	47.8	15	Fold: Ribosomal protein S5 domain 2-like Superfamily: Ribosomal protein S5 domain 2-like Family: DNA gyrase/MutL, second domain
86	c3dmaA	Alignment	not modelled	45.4	20	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: exopolyphosphatase-related protein; PDBTitle: crystal structure of an exopolyphosphatase-related protein2 from bacteroides fragilis. northeast structural genomics3 target bfr192
87	c3ggqA	Alignment	not modelled	45.1	46	PDB header: viral protein Chain: A: PDB Molecule: capsid protein; PDBTitle: dimerization of hepatitis e virus capsid protein e2s domain is2 essential for virus-host interaction
88	c1yo8A	Alignment	not modelled	40.4	32	PDB header: cell adhesion Chain: A: PDB Molecule: thrombospondin-2; PDBTitle: structure of the c-terminal domain of human thrombospondin-2
89	d1mw9x	Alignment	not modelled	39.7	27	Fold: Prokaryotic type I DNA topoisomerase Superfamily: Prokaryotic type I DNA topoisomerase Family: Prokaryotic type I DNA topoisomerase
90	d1wvha1	Alignment	not modelled	38.8	18	Fold: PH domain-like barrel Superfamily: PH domain-like Family: Phosphotyrosine-binding domain (PTB)
91	d1ecwa	Alignment	not modelled	34.6	42	Fold: Retroviral matrix proteins Superfamily: Retroviral matrix proteins Family: Immunodeficiency virus matrix proteins
92	d1hiwa	Alignment	not modelled	34.5	42	Fold: Retroviral matrix proteins Superfamily: Retroviral matrix proteins Family: Immunodeficiency virus matrix proteins
93	c3devB	Alignment	not modelled	34.3	24	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: sh1221; PDBTitle: crystal structure of sh1221 protein from staphylococcus haemolyticus,2 northeast structural genomics consortium target shr87
94	d2gola1	Alignment	not modelled	34.1	42	Fold: Retroviral matrix proteins Superfamily: Retroviral matrix proteins Family: Immunodeficiency virus matrix proteins
95	d1l6na1	Alignment	not modelled	32.0	42	Fold: Retroviral matrix proteins Superfamily: Retroviral matrix proteins Family: Immunodeficiency virus matrix proteins
96	d2dkqa1	Alignment	not modelled	32.0	18	Fold: PH domain-like barrel Superfamily: PH domain-like Family: Phosphotyrosine-binding domain (PTB)
97	d1tama	Alignment	not modelled	30.5	29	Fold: Retroviral matrix proteins Superfamily: Retroviral matrix proteins Family: Immunodeficiency virus matrix proteins
98	c2gajA	Alignment	not modelled	27.6	23	PDB header: isomerase Chain: A: PDB Molecule: dna topoisomerase i; PDBTitle: structure of full length topoisomerase i from thermotoga maritima in2 monoclinic crystal form
99	d1ddma	Alignment	not modelled	26.4	20	Fold: PH domain-like barrel Superfamily: PH domain-like Family: Phosphotyrosine-binding domain (PTB)
100	d1ux6a1	Alignment	not modelled	26.2	35	Fold: Concanavalin A-like lectins/glucanases Superfamily: Concanavalin A-like lectins/glucanases Family: Thrombospondin C-terminal domain

101	c1ux6A	 Alignment	not modelled	26.1	35	PDB header: cell adhesion Chain: A: PDB Molecule: thrombospondin-1; PDBTitle: structure of a thrombospondin c-terminal fragment reveals a2 novel calcium core in the type 3 repeats
102	dli7da	 Alignment	not modelled	25.6	20	Fold: Prokaryotic type I DNA topoisomerase Superfamily: Prokaryotic type I DNA topoisomerase Family: Prokaryotic type I DNA topoisomerase
103	d1vkza1	 Alignment	not modelled	25.4	23	Fold: Barrel-sandwich hybrid Superfamily: Rudiment single hybrid motif Family: BC C-terminal domain-like
104	c3bq9A	 Alignment	not modelled	25.1	21	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: predicted rossmann fold nucleotide-binding domain- PDBTitle: crystal structure of predicted nucleotide-binding protein from2 idiomarina baltica os145
105	d1gkub3	 Alignment	not modelled	24.1	29	Fold: Prokaryotic type I DNA topoisomerase Superfamily: Prokaryotic type I DNA topoisomerase Family: Prokaryotic type I DNA topoisomerase
106	c1ir6A	 Alignment	not modelled	23.9	24	PDB header: hydrolase Chain: A: PDB Molecule: exonuclease recj; PDBTitle: crystal structure of exonuclease recj bound to manganese
107	d1ir6a	 Alignment	not modelled	23.9	24	Fold: DHH phosphoesterases Superfamily: DHH phosphoesterases Family: Exonuclease Recj
108	c2ccaA	 Alignment	not modelled	23.7	26	PDB header: oxidoreductase Chain: A: PDB Molecule: peroxidase/catalase t; PDBTitle: crystal structure of the catalase-peroxidase (katg) and2 s315t mutant from mycobacterium tuberculosis
109	d1h72c1	 Alignment	not modelled	23.6	18	Fold: Ribosomal protein S5 domain 2-like Superfamily: Ribosomal protein S5 domain 2-like Family: GHMP Kinase, N-terminal domain
110	c3fbyC	 Alignment	not modelled	22.7	26	PDB header: cell adhesion Chain: C: PDB Molecule: cartilage oligomeric matrix protein; PDBTitle: the crystal structure of the signature domain of cartilage oligomeric2 matrix protein.
111	c2o59B	 Alignment	not modelled	22.3	21	PDB header: isomerase/dna Chain: B: PDB Molecule: dna topoisomerase 3; PDBTitle: structure of e. coli topoisomerase iii in complex with an 8-2 base single stranded oligonucleotide. frozen in glycerol3 ph 8.0
112	d1jmca1	 Alignment	not modelled	22.1	16	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Single strand DNA-binding domain, SSB
113	d1wj1a	 Alignment	not modelled	21.2	18	Fold: PH domain-like barrel Superfamily: PH domain-like Family: Phosphotyrosine-binding domain (PTB)
114	d2idba2	 Alignment	not modelled	21.0	21	Fold: UbiD C-terminal domain-like Superfamily: UbiD C-terminal domain-like Family: UbiD C-terminal domain-like
115	d1nuia1	 Alignment	not modelled	20.6	22	Fold: DNA primase core Superfamily: DNA primase core Family: Primase fragment of primase-helicase protein
116	c1zc1A	 Alignment	not modelled	20.4	23	PDB header: protein turnover Chain: A: PDB Molecule: ubiquitin fusion degradation protein 1; PDBTitle: ufd1 exhibits the aaa-atpase fold with two distinct2 ubiquitin interaction sites