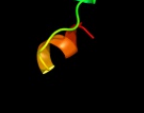


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	dlcxqa_	 Alignment		98.0	15	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: Retroviral integrase, catalytic domain
2	dlhyva_	 Alignment		98.0	14	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: Retroviral integrase, catalytic domain
3	dlexqa_	 Alignment		97.6	11	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: Retroviral integrase, catalytic domain
4	diasua_	 Alignment		97.4	18	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: Retroviral integrase, catalytic domain
5	c1c0mA_	 Alignment		97.3	18	PDB header: transferase Chain: A: PDB Molecule: protein (integrase); PDBTitle: crystal structure of rsv two-domain integrase
6	c1ex4A_	 Alignment		97.1	14	PDB header: viral protein Chain: A: PDB Molecule: integrase; PDBTitle: hiv-1 integrase catalytic core and c-terminal domain
7	c3nf9A_	 Alignment		96.9	17	PDB header: hydrolase/hydrolase inhibitor Chain: A: PDB Molecule: integrase; PDBTitle: structural basis for a new mechanism of inhibition of hiv integrase2 identified by fragment screening and structure based design
8	d1c0ma2	 Alignment		96.9	16	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: Retroviral integrase, catalytic domain
9	c3kksB_	 Alignment		96.8	21	PDB header: dna binding protein Chain: B: PDB Molecule: integrase; PDBTitle: crystal structure of catalytic core domain of biv integrase in crystal2 form ii
10	c3f9kV_	 Alignment		96.6	13	PDB header: viral protein, recombination Chain: V: PDB Molecule: integrase; PDBTitle: two domain fragment of hiv-2 integrase in complex with ledgf ibd
11	c1k6yB_	 Alignment		96.5	16	PDB header: transferase Chain: B: PDB Molecule: integrase; PDBTitle: crystal structure of a two-domain fragment of hiv-1 integrase

12	dlc6va_	Alignment		96.4	14	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: Retroviral integrase, catalytic domain
13	c3dlrA_	Alignment		93.1	11	PDB header: transferase Chain: A: PDB Molecule: integrase; PDBTitle: crystal structure of the catalytic core domain from pfv2 integrase
14	c3hpgC_	Alignment		92.7	14	PDB header: transferase Chain: C: PDB Molecule: integrase; PDBTitle: visna virus integrase (residues 1-219) in complex with ledgf2 ibd: examples of open integrase dimer-dimer interfaces
15	c3l2tB_	Alignment		83.4	9	PDB header: recombination/dna Chain: B: PDB Molecule: integrase; PDBTitle: crystal structure of the prototype foamy virus (pfv) intasome in2 complex with magnesium and mk0518 (raltegravir)
16	d1bcoa2	Alignment		49.1	4	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: mu transposase, core domain
17	c1bcoA_	Alignment		27.8	4	PDB header: transposase Chain: A: PDB Molecule: bacteriophage mu transposase; PDBTitle: bacteriophage mu transposase core domain
18	c1xb4C_	Alignment		27.0	38	PDB header: unknown function Chain: C: PDB Molecule: hypothetical 23.6 kda protein in yuh1-ura8 PDBTitle: crystal structure of subunit vps25 of the endosomal2 trafficking complex escrt-ii
19	d1xb4a1	Alignment		24.1	41	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Vacuolar sorting protein domain
20	c3he5D_	Alignment		23.2	30	PDB header: de novo protein Chain: D: PDB Molecule: synzip2; PDBTitle: heterospecific coiled-coil pair synzip2:synzip1
21	c3cugD_	Alignment	not modelled	21.1	47	PDB header: protein transport Chain: D: PDB Molecule: vacuolar protein-sorting-associated protein 25; PDBTitle: integrated structural and functional model of the human escrt-ii2 complex
22	c2zmeD_	Alignment	not modelled	20.6	47	PDB header: protein transport Chain: D: PDB Molecule: vacuolar protein-sorting-associated protein 25; PDBTitle: integrated structural and functional model of the human escrt-ii2 complex
23	d1baia_	Alignment	not modelled	15.8	33	Fold: Acid proteases Superfamily: Acid proteases Family: Retroviral protease (retropepsin)
24	c2k8fB_	Alignment	not modelled	14.7	29	PDB header: transferase/transcription Chain: B: PDB Molecule: cellular tumor antigen p53; PDBTitle: structural basis for the regulation of p53 function by p300
25	c3a2aC_	Alignment	not modelled	11.6	69	PDB header: transport protein Chain: C: PDB Molecule: voltage-gated hydrogen channel 1; PDBTitle: the structure of the carboxyl-terminal domain of the human voltage-2 gated proton channel hv1
26	c3e0jG_	Alignment	not modelled	11.5	26	PDB header: transferase Chain: G: PDB Molecule: dna polymerase subunit delta-2; PDBTitle: x-ray structure of the complex of regulatory subunits of2 human dna polymerase delta
27	c2zkrl_	Alignment	not modelled	10.8	16	PDB header: ribosomal protein/rna Chain: L: PDB Molecule: rna expansion segment es20; PDBTitle: structure of a mammalian ribosomal 60s subunit within an2 80s complex obtained by docking homology models of the rna3 and proteins into an 8.7 a cryo-em map
						PDB header: hydrolase

28	c3bv6D_	Alignment	not modelled	10.5	11	Chain: D: PDB Molecule: metal-dependent hydrolase; PDBTitle: crystal structure of uncharacterized metallo protein from vibrio2 cholerae with beta-lactamase like fold
29	d1sgua_	Alignment	not modelled	9.8	20	Fold: Acid proteases Superfamily: Acid proteases Family: Retroviral protease (retropepsin)
30	d1v6fa_	Alignment	not modelled	9.3	16	Fold: Gelsolin-like Superfamily: Actin depolymerizing proteins Family: Cofilin-like
31	d1az5a_	Alignment	not modelled	9.3	20	Fold: Acid proteases Superfamily: Acid proteases Family: Retroviral protease (retropepsin)
32	d1nvpd2	Alignment	not modelled	9.2	38	Fold: Transcription factor IIA (TFIIA), beta-barrel domain Superfamily: Transcription factor IIA (TFIIA), beta-barrel domain Family: Transcription factor IIA (TFIIA), beta-barrel domain
33	d1gkra1	Alignment	not modelled	9.1	25	Fold: Composite domain of metallo-dependent hydrolases Superfamily: Composite domain of metallo-dependent hydrolases Family: Hydantoinase (dihydropyrimidinase)
34	d2rspa_	Alignment	not modelled	9.1	29	Fold: Acid proteases Superfamily: Acid proteases Family: Retroviral protease (retropepsin)
35	d1lyva_	Alignment	not modelled	8.3	33	Fold: (Phosphotyrosine protein) phosphatases II Superfamily: (Phosphotyrosine protein) phosphatases II Family: Higher-molecular-weight phosphotyrosine protein phosphatases
36	d1hvca_	Alignment	not modelled	7.4	30	Fold: Acid proteases Superfamily: Acid proteases Family: Retroviral protease (retropepsin)
37	d2jdid2	Alignment	not modelled	7.0	16	Fold: Domain of alpha and beta subunits of F1 ATP synthase-like Superfamily: N-terminal domain of alpha and beta subunits of F1 ATP synthase Family: N-terminal domain of alpha and beta subunits of F1 ATP synthase
38	d2gu3a2	Alignment	not modelled	7.0	16	Fold: Cystatin-like Superfamily: Cystatin/monellin Family: PepSY-like
39	d1mabb2	Alignment	not modelled	6.8	16	Fold: Domain of alpha and beta subunits of F1 ATP synthase-like Superfamily: N-terminal domain of alpha and beta subunits of F1 ATP synthase Family: N-terminal domain of alpha and beta subunits of F1 ATP synthase
40	d1nh2d2	Alignment	not modelled	6.5	25	Fold: Transcription factor IIA (TFIIA), beta-barrel domain Superfamily: Transcription factor IIA (TFIIA), beta-barrel domain Family: Transcription factor IIA (TFIIA), beta-barrel domain
41	c2gu3A_	Alignment	not modelled	6.4	15	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: ypmb protein; PDBTitle: ypmb protein from bacillus subtilis
42	d2bg1a1	Alignment	not modelled	6.4	18	Fold: beta-lactamase/transpeptidase-like Superfamily: beta-lactamase/transpeptidase-like Family: beta-Lactamase/D-ala carboxypeptidase
43	d1y7ea2	Alignment	not modelled	6.2	12	Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: Bacterial dinuclear zinc exopeptidases
44	c3lk3T_	Alignment	not modelled	6.1	38	PDB header: protein binding Chain: T: PDB Molecule: leucine-rich repeat-containing protein 16a; PDBTitle: crystal structure of capz bound to the cpi and csi uncapping2 motifs from carmil
45	d3c7bb2	Alignment	not modelled	5.9	36	Fold: Ferredoxin-like Superfamily: Nitrite/Sulfite reductase N-terminal domain-like Family: DsrA/DsrB N-terminal domain-like
46	d2c5wb1	Alignment	not modelled	5.8	18	Fold: beta-lactamase/transpeptidase-like Superfamily: beta-lactamase/transpeptidase-like Family: beta-Lactamase/D-ala carboxypeptidase
47	c2j8oA_	Alignment	not modelled	5.8	11	PDB header: structural protein Chain: A: PDB Molecule: titin; PDBTitle: structure of the immunoglobulin tandem repeat of titin a168-2 a169
48	c3gebC_	Alignment	not modelled	5.6	18	PDB header: hydrolase Chain: C: PDB Molecule: eyes absent homolog 2; PDBTitle: crystal structure of edeya2
49	c1tiC_	Alignment	not modelled	5.5	44	PDB header: enterotoxin Chain: C: PDB Molecule: heat labile enterotoxin type iib; PDBTitle: escherichia coli heat labile enterotoxin type iib
50	d1nfga1	Alignment	not modelled	5.5	30	Fold: Composite domain of metallo-dependent hydrolases Superfamily: Composite domain of metallo-dependent hydrolases Family: Hydantoinase (dihydropyrimidinase)
51	d2gycj1	Alignment	not modelled	5.4	27	Fold: Ribosomal proteins L15p and L18e Superfamily: Ribosomal proteins L15p and L18e Family: Ribosomal proteins L15p and L18e
52	c3c7bE_	Alignment	not modelled	5.3	40	PDB header: oxidoreductase Chain: E: PDB Molecule: sulfite reductase, dissimilatory-type subunit beta; PDBTitle: structure of the dissimilatory sulfite reductase from archaeoglobus2 fulgidus
53	d1flga_	Alignment	not modelled	5.2	28	Fold: 8-bladed beta-propeller Superfamily: Quinoprotein alcohol dehydrogenase-like Family: Quinoprotein alcohol dehydrogenase-like
54	d4fiva_	Alignment	not modelled	5.2	15	Fold: Acid proteases Superfamily: Acid proteases

					Family: Retroviral protease (retropepsin)
55	c3t38B_	Alignment	not modelled	5.1	15
					PDB header: oxidoreductase Chain: B: PDB Molecule: arsenate reductase; PDBTitle: corynebacterium glutamicum thioredoxin-dependent arsenate reductase2 cg_arsc1'