
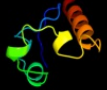
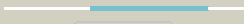


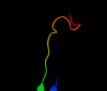

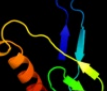


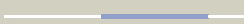



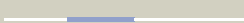
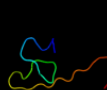





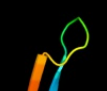
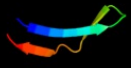

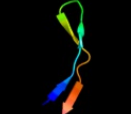




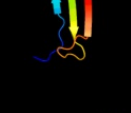



#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3fc7B_	 Alignment		48.8	9	PDB header: transferase Chain: B: PDB Molecule: htr-like protein; PDBTitle: the crystal structure of a domain of htr-like protein from haloarcula2 marismortui atcc 43049
2	c3fg8B_	 Alignment		37.6	18	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: uncharacterized protein rha05790; PDBTitle: crystal structure of pas domain of rha05790
3	d1cq3a_	 Alignment		32.0	26	Fold: Soluble secreted chemokine inhibitor, VCCI Superfamily: Soluble secreted chemokine inhibitor, VCCI Family: Soluble secreted chemokine inhibitor, VCCI
4	d1xoda1	 Alignment		29.4	18	Fold: PH domain-like barrel Superfamily: PH domain-like Family: Enabled/VASP homology 1 domain (EVH1 domain)
5	c1v9yA_	 Alignment		21.6	13	PDB header: signaling protein Chain: A: PDB Molecule: heme pas sensor protein; PDBTitle: crystal structure of the heme pas sensor domain of ec dos (ferric2 form)
6	d1v9ya_	 Alignment		21.6	13	Fold: Profilin-like Superfamily: PYP-like sensor domain (PAS domain) Family: Heme-binding PAS domain
7	c3ewkA_	 Alignment		21.1	11	PDB header: flavoprotein Chain: A: PDB Molecule: sensor protein; PDBTitle: structure of the redox sensor domain of methylococcus capsulatus2 (bath) mmos
8	c3ajvA_	 Alignment		21.0	26	PDB header: hydrolase Chain: A: PDB Molecule: putative uncharacterized protein; PDBTitle: splicing endonuclease from aeropyrum pernix
9	c1wa9A_	 Alignment		16.2	16	PDB header: circadian rhythm Chain: A: PDB Molecule: period circadian protein; PDBTitle: crystal structure of the pas repeat region of the2 drosophila clock protein period
10	d2grga1	 Alignment		13.8	33	Fold: Profilin-like Superfamily: YNR034W-A-like Family: YNR034W-A-like
11	c3fljA_	 Alignment		13.8	28	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein conserved in bacteria with a PDBTitle: crystal structure of uncharacterized protein conserved in bacteria2 with a cystatin-like fold (yp_168589.1) from silicibacter pomeroyi3 dss-3 at 2.00 a resolution

12	c2k9kA_	Alignment		13.7	19	PDB header: metal transport Chain: A: PDB Molecule: tonb2; PDBTitle: molecular characterization of the tonb2 protein from vibrio2 anguillarum
13	c2zyzA_	Alignment		13.6	14	PDB header: splicing Chain: A: PDB Molecule: putative uncharacterized protein pae0789; PDBTitle: pyrobaculum aerophilum splicing endonuclease
14	d2gskb1	Alignment		13.4	14	Fold: TolA/TonB C-terminal domain Superfamily: TolA/TonB C-terminal domain Family: TonB
15	d1ujka_	Alignment		13.3	19	Fold: alpha-alpha superhelix Superfamily: ENTH/VHS domain Family: VHS domain
16	c3mjgB_	Alignment		13.3	5	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of the pas domain of q24qt8_deshy protein from2 desulfitobacterium hafniense. northeast structural genomics3 consortium target dhr85c.
17	c1xx3A_	Alignment		11.5	14	PDB header: transport protein Chain: A: PDB Molecule: tonb protein; PDBTitle: solution structure of escherichia coli tonb-ctd
18	d1u07a_	Alignment		10.4	14	Fold: TolA/TonB C-terminal domain Superfamily: TolA/TonB C-terminal domain Family: TonB
19	d3bzka5	Alignment		10.2	27	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: Tex RuvX-like domain-like
20	c3f8xD_	Alignment		9.6	28	PDB header: isomerase Chain: D: PDB Molecule: putative delta-5-3-ketosteroid isomerase; PDBTitle: crystal structure of a putative delta-5-3-ketosteroid isomerase2 (eca2236) from pectobacterium atrosepticum scri1043 at 1.55 a3 resolution
21	c3mxqC_	Alignment	not modelled	8.8	11	PDB header: transferase Chain: C: PDB Molecule: sensor protein; PDBTitle: crystal structure of sensory box sensor histidine kinase from vibrio2 cholerae
22	c3rheA_	Alignment	not modelled	8.6	4	PDB header: oxidoreductase Chain: A: PDB Molecule: nad-dependent benzaldehyde dehydrogenase; PDBTitle: the crystal structure of nad-dependent benzaldehyde dehydrogenase from2 legionella pneumophila
23	d1ul5a_	Alignment	not modelled	7.8	8	Fold: SBT domain Superfamily: SBT domain Family: SBT domain
24	d1ul4a_	Alignment	not modelled	7.4	8	Fold: SBT domain Superfamily: SBT domain Family: SBT domain
25	d1mqea_	Alignment	not modelled	7.2	29	Fold: Nudix Superfamily: Nudix Family: MutT-like
26	c2w4eA_	Alignment	not modelled	6.7	22	PDB header: hydrolase Chain: A: PDB Molecule: mutt/nudix family protein; PDBTitle: structure of an n-terminally truncated nudix hydrolase2 dr2204 from deinococcus radiodurans
27	c2l5fA_	Alignment	not modelled	6.3	13	PDB header: protein binding Chain: A: PDB Molecule: pre-mrna-processing factor 40 homolog a; PDBTitle: solution structure of the tandem ww domains from hypa/fbp11
28	c2ic6B_	Alignment	not modelled	5.9	32	PDB header: viral protein Chain: B: PDB Molecule: nucleocapsid protein; PDBTitle: the coiled-coil domain (residues 1-75) structure of the

						sin2 nombre virus nucleocapsid protein PDB header: circadian clock protein Chain: A: PDB Molecule: period circadian protein; PDBTitle: structure of an enclosed dimer formed by the drosophila period protein
29	c3rtyA_	Alignment	not modelled	5.9	11	PDB header: viral protein Chain: B: PDB Molecule: orf e73; PDBTitle: solution structure of e73 protein from sulfolobus spindle-2 shaped virus ragged hills, a hyperthermophilic3 crenarchaeal virus from yellowstone national park
30	c4a1qB_	Alignment	not modelled	5.9	33	PDB header: transcription repressor Chain: B: PDB Molecule: uncharacterized protein 56b; PDBTitle: structure of the transcription regulator svtr from the2 hyperthermophilic archaeal virus sirv1
31	c2kelB_	Alignment	not modelled	5.6	18	Fold: HAD-like Superfamily: HAD-like Family: phosphatase domain of polynucleotide kinase
32	d1ltqa1	Alignment	not modelled	5.5	26	PDB header: oxidoreductase Chain: B: PDB Molecule: probable thiol peroxidase; PDBTitle: thiol peroxidase from chromobacterium violaceum
33	c3kebB_	Alignment	not modelled	5.5	10	PDB header: transcription Chain: A: PDB Molecule: pefi protein; PDBTitle: solution nmr structure of pefi (plasmid-encoded fimbriae regulatory)2 protein from salmonella typhimurium. northeast structural genomics3 target str82
34	c2jt1A_	Alignment	not modelled	5.4	16	PDB header: cell cycle Chain: F: PDB Molecule: muke; PDBTitle: crystal structure of the muke-mukf complex
35	c3euhF_	Alignment	not modelled	5.3	26	PDB header: hydrolase Chain: B: PDB Molecule: hemoglobin-binding protease hbp; PDBTitle: hemoglobin protease (hbp) passenger missing domain-2
36	c3ak5B_	Alignment	not modelled	5.3	21	PDB header: protein binding Chain: A: PDB Molecule: fibrinogen binding protein; PDBTitle: the crystal structure of the fibrinogen binding protein from2 staphylococcus aureus
37	c3doaA_	Alignment	not modelled	5.2	18	PDB header: signaling protein Chain: A: PDB Molecule: methyl-accepting chemotaxis protein; PDBTitle: crystal structure of methyl-accepting chemotaxis protein from vibrio2 parahaemolyticus rimd 2210633
38	c2qhka_	Alignment	not modelled	5.1	23	PDB header: transcription Chain: P: PDB Molecule: mediator of rna polymerase ii transcription subunit 17; PDBTitle: architecture of the mediator head module
39	c3rj1P_	Alignment	not modelled	5.1	0	