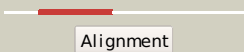
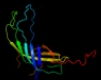
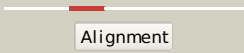

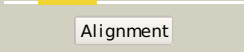
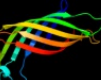




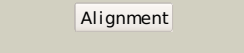

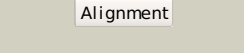

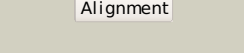



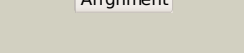

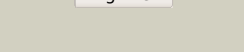



#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2k0lA_	 Alignment		95.0	22	PDB header: membrane protein Chain: A: PDB Molecule: outer membrane protein a; PDBTitle: nmr structure of the transmembrane domain of the outer2 membrane protein a from klebsiella pneumoniae in dhpc3 micelles.
2	c3bryB_	 Alignment		94.2	25	PDB header: transport protein Chain: B: PDB Molecule: tbux; PDBTitle: crystal structure of the ralstonia pickettii toluene2 transporter tbux
3	d1p4ta_	 Alignment		76.7	10	Fold: Transmembrane beta-barrels Superfamily: OMPA-like Family: Outer membrane protein
4	c3dwoX_	 Alignment		73.9	15	PDB header: membrane protein Chain: X: PDB Molecule: probable outer membrane protein; PDBTitle: crystal structure of a pseudomonas aeruginosa fadl homologue
5	d1phoa_	 Alignment		71.6	19	Fold: Transmembrane beta-barrels Superfamily: Porins Family: Porin
6	c3nb3C_	 Alignment		62.1	21	PDB header: virus Chain: C: PDB Molecule: outer membrane protein a; PDBTitle: the host outer membrane proteins ompa and ompc are packed at specific2 sites in the shigella phage sf6 virion as structural components
7	d1qjpa_	 Alignment		46.3	24	Fold: Transmembrane beta-barrels Superfamily: OMPA-like Family: Outer membrane protein
8	c2x27X_	 Alignment		44.2	10	PDB header: membrane protein Chain: X: PDB Molecule: outer membrane protein oprg; PDBTitle: crystal structure of the outer membrane protein oprg from2 pseudomonas aeruginosa
9	c3a2rX_	 Alignment		42.0	15	PDB header: membrane protein Chain: X: PDB Molecule: outer membrane protein ii; PDBTitle: crystal structure of outer membrane protein porb from neisseria2 meningitidis
10	c2jvfA_	 Alignment		41.0	7	PDB header: de novo protein Chain: A: PDB Molecule: de novo protein m7; PDBTitle: solution structure of m7, a computationally-designed2 artificial protein
11	c2jmmA_	 Alignment		37.4	10	PDB header: membrane protein Chain: A: PDB Molecule: outer membrane protein a; PDBTitle: nmr solution structure of a minimal transmembrane beta-2 barrel platform protein

12	c1qysA_	Alignment		35.8	20	PDB header: de novo protein Chain: A: PDB Molecule: top7; PDBTitle: crystal structure of top7: a computationally designed2 protein with a novel fold
13	d1t16a_	Alignment		35.7	13	Fold: Transmembrane beta-barrels Superfamily: Porins Family: Outer membrane protein transport protein
14	c3qraA_	Alignment		30.3	19	PDB header: cell invasion Chain: A: PDB Molecule: attachment invasion locus protein; PDBTitle: the crystal structure of ail, the attachment invasion locus protein of2 yersinia pestis
15	c2lhfa_	Alignment		26.8	23	PDB header: membrane protein Chain: A: PDB Molecule: outer membrane protein h1; PDBTitle: solution structure of outer membrane protein h (oprh) from p.2 aeruginosa in dhpc micelles
16	d1ynja1	Alignment		26.4	23	Fold: DCoH-like Superfamily: RBP11-like subunits of RNA polymerase Family: RNA polymerase alpha subunit dimerisation domain
17	c2f1tB_	Alignment		26.0	13	PDB header: membrane protein Chain: B: PDB Molecule: outer membrane protein w; PDBTitle: outer membrane protein ompw
18	d2zfga1	Alignment		22.2	19	Fold: Transmembrane beta-barrels Superfamily: Porins Family: Porin
19	d1g90a_	Alignment		20.6	13	Fold: Transmembrane beta-barrels Superfamily: OMPA-like Family: Outer membrane protein
20	d2fgqx1	Alignment		19.9	20	Fold: Transmembrane beta-barrels Superfamily: Porins Family: Porin
21	d2jnaa1	Alignment	not modelled	17.2	24	Fold: Dodecin subunit-like Superfamily: YdgH-like Family: YdgH-like
22	c1txkA_	Alignment	not modelled	15.8	29	PDB header: biosynthetic protein Chain: A: PDB Molecule: glucans biosynthesis protein g; PDBTitle: crystal structure of escherichia coli opgg
23	d1txka2	Alignment	not modelled	15.4	29	Fold: Supersandwich Superfamily: Galactose mutarotase-like Family: MdoG-like
24	d2gufa1	Alignment	not modelled	14.7	18	Fold: Transmembrane beta-barrels Superfamily: Porins Family: Ligand-gated protein channel
25	c2qjha_	Alignment	not modelled	14.5	20	PDB header: de novo protein Chain: A: PDB Molecule: designed protein; PDBTitle: nmr structure of cfr (c-terminal fragment of2 computationally designed novel-topology protein top7)
26	d1edga_	Alignment	not modelled	12.6	12	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: beta-glycanases
27	d1kkeA2	Alignment	not modelled	11.4	24	Fold: Virus attachment protein globular domain Superfamily: Virus attachment protein globular domain Family: Reovirus attachment protein sigma 1 head domain
28	c2yx5A_	Alignment	not modelled	11.4	11	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: upf0062 protein mj1593; PDBTitle: crystal structure of methanocaldococcus jannaschii purs, one of the2 subunits of formylglycinamide ribonucleotide amidotransferase in the3 purine biosynthetic pathway Fold: Glucocorticoid receptor-like (DNA-binding domain)

29	d1tdha3	Alignment	not modelled	11.2	20	Superfamily: Glucocorticoid receptor-like (DNA-binding domain) Family: C-terminal, Zn-finger domain of MutM-like DNA repair proteins
30	c2x4mD	Alignment	not modelled	10.8	16	PDB header: hydrolase Chain: D: PDB Molecule: coagulase/fibrinolysin; PDBTitle: yersinia pestis plasminogen activator pla
31	c1w3gA	Alignment	not modelled	10.3	32	PDB header: toxin/lectin Chain: A: PDB Molecule: hemolytic lectin from laetiporus sulphureus; PDBTitle: hemolytic lectin from the mushroom laetiporus sulphureus2 complexed with two n-acetylactosamine molecules.
32	c2dgbA	Alignment	not modelled	9.8	15	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical protein purs; PDBTitle: structure of thermus thermophilus purs in the p21 form
33	c2e0gA	Alignment	not modelled	9.0	12	PDB header: replication Chain: A: PDB Molecule: chromosomal replication initiator protein dnaa; PDBTitle: dnaa n-terminal domain
34	d1umha	Alignment	not modelled	9.0	25	Fold: Galactose-binding domain-like Superfamily: Galactose-binding domain-like Family: F-box associated region, FBA
35	c2dvyA	Alignment	not modelled	8.5	22	PDB header: hydrolase Chain: A: PDB Molecule: restriction endonuclease pabi; PDBTitle: crystal structure of restriction endonucleases pabi
36	d1t4aa	Alignment	not modelled	7.6	8	Fold: PurS-like Superfamily: PurS-like Family: PurS subunit of FGAM synthetase
37	d1h9wa	Alignment	not modelled	7.4	13	Fold: Concanavalin A-like lectins/glucanases Superfamily: Concanavalin A-like lectins/glucanases Family: Legume lectins
38	c2djmA	Alignment	not modelled	7.0	19	PDB header: sugar binding protein Chain: A: PDB Molecule: glucoamylase a; PDBTitle: solution structure of n-terminal starch-binding domain of2 glucoamylase from rhizopus oryzae
39	c3qwnC	Alignment	not modelled	6.9	18	PDB header: antitoxin Chain: C: PDB Molecule: hypothetical nigd-like protein; PDBTitle: crystal structure of a hypothetical nigd-like protein (baccac_03262)2 from bacteroides caccae at 2.42 a resolution
40	d1osma	Alignment	not modelled	6.8	12	Fold: Transmembrane beta-barrels Superfamily: Porins Family: Porin
41	d1u69a	Alignment	not modelled	6.8	26	Fold: Glyoxalase/Bleomycin resistance protein/Dihydroxybiphenyl dioxygenase Superfamily: Glyoxalase/Bleomycin resistance protein/Dihydroxybiphenyl dioxygenase Family: 3-demethylubi quinone-9 3-methyltransferase
42	d1bdfa1	Alignment	not modelled	6.6	30	Fold: DCoH-like Superfamily: RBP11-like subunits of RNA polymerase Family: RNA polymerase alpha subunit dimerisation domain
43	c3fhha	Alignment	not modelled	6.6	7	PDB header: membrane protein Chain: A: PDB Molecule: outer membrane heme receptor shua; PDBTitle: crystal structure of the heme/hemoglobin outer membrane2 transporter shua from shigella dysenteriae
44	c3nsgA	Alignment	not modelled	6.1	14	PDB header: membrane protein Chain: A: PDB Molecule: outer membrane protein f; PDBTitle: crystal structure of ompf, an outer membrane protein from salmonella2 typhi
45	d1uynx	Alignment	not modelled	6.1	4	Fold: Transmembrane beta-barrels Superfamily: Autotransporter Family: Autotransporter
46	d1kpta	Alignment	not modelled	6.0	24	Fold: Yeast killer toxins Superfamily: Yeast killer toxins Family: Virally encoded KP4 toxin
47	d1smya1	Alignment	not modelled	5.9	23	Fold: DCoH-like Superfamily: RBP11-like subunits of RNA polymerase Family: RNA polymerase alpha subunit dimerisation domain
48	d1i78a	Alignment	not modelled	5.9	17	Fold: Transmembrane beta-barrels Superfamily: OMPT-like Family: Outer membrane protease OMPT
49	d1pgl22	Alignment	not modelled	5.8	27	Fold: Nucleoplasmin-like/VP (viral coat and capsid proteins) Superfamily: Positive stranded ssRNA viruses Family: Comoviridae-like VP
50	d1ny722	Alignment	not modelled	5.8	27	Fold: Nucleoplasmin-like/VP (viral coat and capsid proteins) Superfamily: Positive stranded ssRNA viruses Family: Comoviridae-like VP
51	c3ie4A	Alignment	not modelled	5.6	75	PDB header: immune system Chain: A: PDB Molecule: gram-negative binding protein 3; PDBTitle: b-glucan binding domain of drosophila gnbp3 defines a novel2 family of pattern recognition receptor
52	c1kkeA	Alignment	not modelled	5.5	26	PDB header: viral protein Chain: A: PDB Molecule: sigma 1 protein; PDBTitle: crystal structure of reovirus attachment protein sigma12 trimer
53	d1f2va	Alignment	not modelled	5.4	24	Fold: Flavodoxin-like Superfamily: Precorrin-8X methylmutase CbiC/CobH Family: Precorrin-8X methylmutase CbiC/CobH
54	c2d1gB	Alignment	not modelled	5.3	13	PDB header: hydrolase Chain: B: PDB Molecule: acid phosphatase; PDBTitle: structure of francisella tularensis acid phosphatase a (acpa) bound to2 orthovanadate