Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P33554
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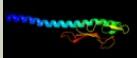
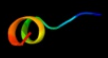
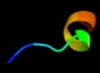
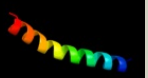
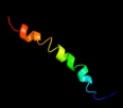
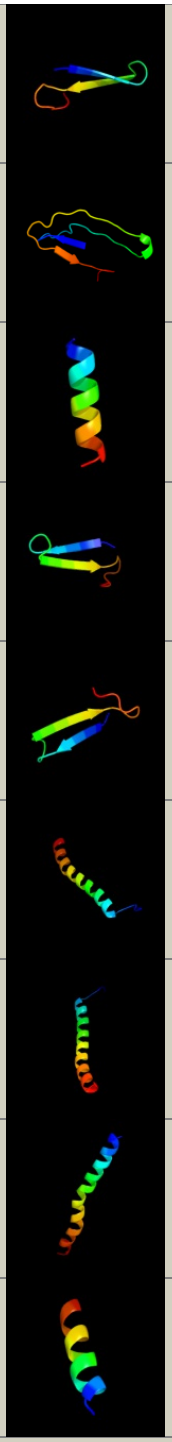
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3sokB_	Alignment		99.5	11	**PDB header:**cell adhesion **Chain:** B: **PDB Molecule:**fimbrial protein; **PDBTitle:** dichelobacter nodosus pilin fima
2	d1oqwa_	Alignment		99.5	15	**Fold:**Pili subunits **Superfamily:**Pili subunits **Family:**Pilin
3	d2pila_	Alignment		99.3	22	**Fold:**Pili subunits **Superfamily:**Pili subunits **Family:**Pilin
4	c2qv8B_	Alignment		98.3	18	**PDB header:**transport protein **Chain:** B: **PDB Molecule:**general secretion pathway protein h; **PDBTitle:** structure of the minor pseudopilin epsh from the type 2 secretion2 system of vibrio cholerae
5	c2knqA_	Alignment		97.3	14	**PDB header:**protein transport **Chain:** A: **PDB Molecule:**general secretion pathway protein h; **PDBTitle:** solution structure of e.coli gsph
6	c4a18U_	Alignment		32.3	55	**PDB header:**ribosome **Chain:** U: **PDB Molecule:**rpl13; **PDBTitle:** t.thermophila 60s ribosomal subunit in complex with initiation2 factor 6. this file contains 26s rrna and proteins of molecule 1
7	c3u5eL_	Alignment		31.3	55	**PDB header:**ribosome **Chain:** L: **PDB Molecule:**60s ribosomal protein l13-a; **PDBTitle:** the structure of the eukaryotic ribosome at 3.0 resolution
8	c2kncB_	Alignment		16.3	5	**PDB header:**cell adhesion **Chain:** B: **PDB Molecule:**integrin beta-3; **PDBTitle:** platelet integrin alfaiib-beta3 transmembrane-cytoplasmic2 heterocomplex
9	d3ehbb2	Alignment		13.1	26	**Fold:**Transmembrane helix hairpin **Superfamily:**Cytochrome c oxidase subunit II-like, transmembrane region **Family:**Cytochrome c oxidase subunit II-like, transmembrane region
10	c2kxeA_	Alignment		12.7	43	**PDB header:**transferase **Chain:** A: **PDB Molecule:**dna polymerase ii small subunit; **PDBTitle:** n-terminal domain of the dp1 subunit of an archaeal d-family dna2 polymerase
11	d1fftb2	Alignment		12.4	9	**Fold:**Transmembrane helix hairpin **Superfamily:**Cytochrome c oxidase subunit II-like, transmembrane region **Family:**Cytochrome c oxidase subunit II-like, transmembrane region

12	c1ybxA_	Alignment		12.4	9	**PDB header:**structural genomics, unknown function **Chain:** A: **PDB Molecule:**conserved hypothetical protein; **PDBTitle:** conserved hypothetical protein cth-383 from clostridium thermocellum
13	c2vnvC_	Alignment		11.6	16	**PDB header:**sugar-binding protein **Chain:** C: **PDB Molecule:**bcla; **PDBTitle:** crystal structure of bcla lectin from burkholderia2 cenocepacia in complex with alpha-methyl-mannoside at 1.73 angstrom resolution
14	d1m56d_	Alignment		10.4	25	**Fold:**Single transmembrane helix **Superfamily:**Bacterial aa3 type cytochrome c oxidase subunit IV **Family:**Bacterial aa3 type cytochrome c oxidase subunit IV
15	d1puga_	Alignment		10.0	9	**Fold:**YbaB-like **Superfamily:**YbaB-like **Family:**YbaB-like
16	d1j8ba_	Alignment		9.8	9	**Fold:**YbaB-like **Superfamily:**YbaB-like **Family:**YbaB-like
17	c1qleB_	Alignment		9.5	22	**PDB header:**oxidoreductase/immune system **Chain:** B: **PDB Molecule:**cytochrome c oxidase polypeptide ii; **PDBTitle:** cryo-structure of the paracoccus denitrificans four-subunit2 cytochrome c oxidase in the completely oxidized state3 complexed with an antibody fv fragment
18	c1ar1B_	Alignment		9.5	22	**PDB header:**complex (oxidoreductase/antibody) **Chain:** B: **PDB Molecule:**cytochrome c oxidase; **PDBTitle:** structure at 2.7 angstrom resolution of the paracoccus2 denitrificans two-subunit cytochrome c oxidase complexed3 with an antibody fv fragment
19	c2kb1A_	Alignment		9.0	9	**PDB header:**membrane protein **Chain:** A: **PDB Molecule:**wsk3; **PDBTitle:** nmr studies of a channel protein without membrane:2 structure and dynamics of water-solubilized kcsa
20	c2ljcA_	Alignment		8.2	27	**PDB header:**transport protein/inhibitor **Chain:** A: **PDB Molecule:**m2 protein, bm2 protein chimera; **PDBTitle:** structure of the influenza am2-bm2 chimeric channel bound to2 rimantadine
21	c2kadC_	Alignment	not modelled	7.9	27	**PDB header:**membrane protein **Chain:** C: **PDB Molecule:**transmembrane peptide of matrix protein 2; **PDBTitle:** magic-angle-spinning solid-state nmr structure of influenza2 a m2 transmembrane domain
22	c2kadA_	Alignment	not modelled	7.9	27	**PDB header:**membrane protein **Chain:** A: **PDB Molecule:**transmembrane peptide of matrix protein 2; **PDBTitle:** magic-angle-spinning solid-state nmr structure of influenza2 a m2 transmembrane domain
23	c2kadD_	Alignment	not modelled	7.9	27	**PDB header:**membrane protein **Chain:** D: **PDB Molecule:**transmembrane peptide of matrix protein 2; **PDBTitle:** magic-angle-spinning solid-state nmr structure of influenza2 a m2 transmembrane domain
24	c2kadB_	Alignment	not modelled	7.9	27	**PDB header:**membrane protein **Chain:** B: **PDB Molecule:**transmembrane peptide of matrix protein 2; **PDBTitle:** magic-angle-spinning solid-state nmr structure of influenza2 a m2 transmembrane domain
25	c2boiA_	Alignment	not modelled	7.6	24	**PDB header:**lectin **Chain:** A: **PDB Molecule:**cv-iil lectin; **PDBTitle:** 1.1a structure of chromobacterium violaceum lectin cv2l in2 complex with alpha-methyl-fucoside
26	d3dtub2	Alignment	not modelled	7.6	16	**Fold:**Transmembrane helix hairpin **Superfamily:**Cytochrome c oxidase subunit II-like, transmembrane region **Family:**Cytochrome c oxidase subunit II-like, transmembrane region
27	c1bttA_	Alignment	not modelled	7.5	27	**PDB header:**transmembrane protein **Chain:** A: **PDB Molecule:**band 3 anion transport protein; **PDBTitle:** the solution structures of the first and second2

						transmembrane-spanning segments of band 3
28	c1btsA_	Alignment	not modelled	7.5	27	**PDB header:**transmembrane protein **Chain:** A: **PDB Molecule:**band 3 anion transport protein; **PDBTitle:** the solution structures of the first and second2 transmembrane-spanning segments of band 3
29	c2hg5D_	Alignment	not modelled	7.0	11	**PDB header:**membrane protein **Chain:** D: **PDB Molecule:**kcsa channel; **PDBTitle:** cs+ complex of a k channel with an amide to ester substitution in the2 selectivity filter
30	d1uzva_	Alignment	not modelled	6.5	24	**Fold:**Calcium-mediated lectin **Superfamily:**Calcium-mediated lectin **Family:**Calcium-mediated lectin
31	d1v54b2	Alignment	not modelled	6.1	14	**Fold:**Transmembrane helix hairpin **Superfamily:**Cytochrome c oxidase subunit II-like, transmembrane region **Family:**Cytochrome c oxidase subunit II-like, transmembrane region
32	c2o01G_	Alignment	not modelled	5.8	25	**PDB header:**photosynthesis **Chain:** G: **PDB Molecule:**photosystem i reaction center subunit v, **PDBTitle:** the structure of a plant photosystem i supercomplex at 3.42 angstrom resolution
33	d1r3jc_	Alignment	not modelled	5.8	12	**Fold:**Voltage-gated potassium channels **Superfamily:**Voltage-gated potassium channels **Family:**Voltage-gated potassium channels