Phyre2

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Description	RVBD1986_(-)_2230019_2230618
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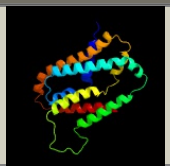
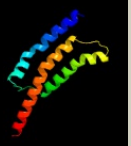
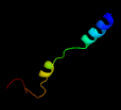
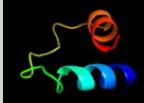
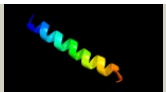
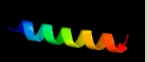
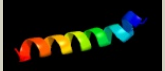
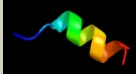
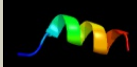
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c5vkvA_	Alignment		99.2	17	**PDB header:**oxidoreductase **Chain:** A: **PDB Molecule:**cytochrome c-type biogenesis protein ccda; **PDBTitle:** solution nmr structure of the membrane electron transporter ccda
2	c2n4xA_	Alignment		95.0	8	**PDB header:**membrane protein **Chain:** A: **PDB Molecule:**cytochrome c-type biogenesis protein (ccda); **PDBTitle:** structure of the transmembrane electron transporter ccda
3	c4zp0A_	Alignment		31.7	10	**PDB header:**transport protein **Chain:** A: **PDB Molecule:**multidrug transporter mdfa; **PDBTitle:** crystal structure of e. coli multidrug transporter mdfa in complex2 with deoxycholate
4	c4x5mB_	Alignment		29.7	17	**PDB header:**transport protein **Chain:** B: **PDB Molecule:**uncharacterized protein; **PDBTitle:** crystal structure of semisweet in the inward-open conformation
5	c5xyvC_	Alignment		24.4	7	**PDB header:**protein binding **Chain:** C: **PDB Molecule:**protein deadlock; **PDBTitle:** crystal structure of drosophila melanogaster rhino chromoshadow domain2 in complex with deadlock n-terminal domain
6	c2kncA_	Alignment		19.9	18	**PDB header:**cell adhesion **Chain:** A: **PDB Molecule:**integrin alpha-iib; **PDBTitle:** platelet integrin alfaiib-beta3 transmembrane-cytoplasmic2 heterocomplex
7	c4iu8A_	Alignment		10.6	12	**PDB header:**transport protein **Chain:** A: **PDB Molecule:**nitrite extrusion protein 2; **PDBTitle:** crystal structure of a membrane transporter (selenomethionine2 derivative)
8	d1pw4a_	Alignment		10.5	9	**Fold:**MFS general substrate transporter **Superfamily:**MFS general substrate transporter **Family:**Glycerol-3-phosphate transporter
9	d1joga_	Alignment		9.6	12	**Fold:**Four-helical up-and-down bundle **Superfamily:**Nucleotidyltransferase substrate binding subunit/domain **Family:**Family 1 bi-partite nucleotidyltransferase subunit
10	c6e9oA_	Alignment		9.2	11	**PDB header:**membrane protein **Chain:** A: **PDB Molecule:**d-galactonate transport; **PDBTitle:** e. coli d-galactonate:proton symporter mutant e133q in the outward2 substrate-bound form
11	c2micA_	Alignment		7.9	3	**PDB header:**membrane protein **Chain:** A: **PDB Molecule:**tumor necrosis factor receptor superfamily member 16; **PDBTitle:** nmr structure of p75 transmembrane domain in dpc micelles

12	c2micB_	Alignment		7.9	3	**PDB header:**membrane protein **Chain:** B: **PDB Molecule:**tumor necrosis factor receptor superfamily member 16; **PDBTitle:** nmr structure of p75 transmembrane domain in dpc micelles
13	c4iu9A_	Alignment		7.6	12	**PDB header:**transport protein **Chain:** A: **PDB Molecule:**nitrite extrusion protein 2; **PDBTitle:** crystal structure of a membrane transporter
14	c2zxeG_	Alignment		6.5	19	**PDB header:**hydrolase/transport protein **Chain:** G: **PDB Molecule:**phospholemman-like protein; **PDBTitle:** crystal structure of the sodium - potassium pump in the e2.2k+.pi2 state
15	c5azdA_	Alignment		6.5	9	**PDB header:**transport protein **Chain:** A: **PDB Molecule:**bacteriorhodopsin; **PDBTitle:** crystal structure of thermophilic rhodopsin.
16	c2mkvA_	Alignment		6.4	14	**PDB header:**transport protein **Chain:** A: **PDB Molecule:**sodium/potassium-transporting atpase subunit gamma; **PDBTitle:** structure of the na,k-atpase regulatory protein fxyd2b in micelles
17	c2jp3A_	Alignment		6.0	17	**PDB header:**transcription **Chain:** A: **PDB Molecule:**fxyd domain-containing ion transport regulator 4; **PDBTitle:** solution structure of the human fxyd4 (chif) protein in sds2 micelles
18	d1q90g_	Alignment		5.8	21	**Fold:**Single transmembrane helix **Superfamily:**PetG subunit of the cytochrome b6f complex **Family:**PetG subunit of the cytochrome b6f complex
19	c1q90G_	Alignment		5.8	21	**PDB header:**photosynthesis **Chain:** G: **PDB Molecule:**cytochrome b6f complex subunit petg; **PDBTitle:** structure of the cytochrome b6f (plastohydroquinone : plastocyanin2 oxidoreductase) from chlamydomonas reinhardtii
20	d1jb0l_	Alignment		5.5	3	**Fold:**Photosystem I reaction center subunit XI, PsaL **Superfamily:**Photosystem I reaction center subunit XI, PsaL **Family:**Photosystem I reaction center subunit XI, PsaL
21	c2jo1A_	Alignment	not modelled	5.5	29	**PDB header:**hydrolase regulator **Chain:** A: **PDB Molecule:**phospholemman; **PDBTitle:** structure of the na,k-atpase regulatory protein fxyd1 in2 micelles
22	c6h7dA_	Alignment	not modelled	5.5	8	**PDB header:**membrane protein **Chain:** A: **PDB Molecule:**sugar transport protein 10; **PDBTitle:** crystal structure of a. thaliana sugar transport protein 10 in complex2 with glucose in the outward occluded state
23	c4xtnJ_	Alignment	not modelled	5.3	13	**PDB header:**membrane protein **Chain:** J: **PDB Molecule:**sodium pumping rhodopsin; **PDBTitle:** crystal structure of the light-driven sodium pump kr2 in the2 pentameric red form, ph 4.9
24	c2momC_	Alignment	not modelled	5.3	17	**PDB header:**membrane protein **Chain:** C: **PDB Molecule:**lysosome-associated membrane glycoprotein 2; **PDBTitle:** structural insights of tm domain of lamp-2a in dpc micelles
25	c2momB_	Alignment	not modelled	5.3	17	**PDB header:**membrane protein **Chain:** B: **PDB Molecule:**lysosome-associated membrane glycoprotein 2; **PDBTitle:** structural insights of tm domain of lamp-2a in dpc micelles
26	c3eh4A_	Alignment	not modelled	5.2	7	**PDB header:**oxidoreductase **Chain:** A: **PDB Molecule:**cytochrome c oxidase subunit 1; **PDBTitle:** structure of the reduced form of cytochrome ba3 oxidase from thermus2 thermophilus