Phyre^2

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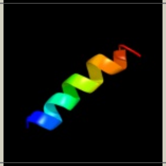
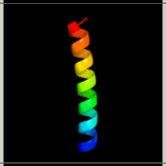
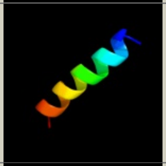
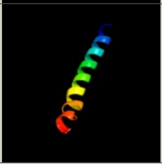
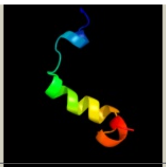
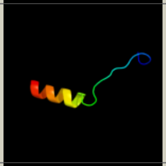
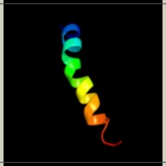
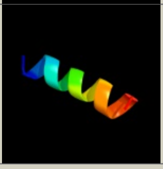
Description	P69789
Date	Thu Jan 5 12:11:55 GMT 2012
Unique Job ID	5e3c372065dbe99f

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1ibaA_	Alignment		99.9	33	**PDB header:**phoshphotransferase **Chain:** A: **PDB Molecule:**glucose permease; **PDBTitle:** glucose permease (domain iib), nmr, 11 structures
2	d3bp8c1	Alignment		99.9	35	**Fold:**Homing endonuclease-like **Superfamily:**Glucose permease domain IIB **Family:**Glucose permease domain IIB
3	c3ipjB_	Alignment		99.9	28	**PDB header:**transferase **Chain:** B: **PDB Molecule:**pts system, iiabc component; **PDBTitle:** the crystal structure of one domain of the pts system, iiabc component2 from clostridium difficile
4	c2rddB_	Alignment		72.7	17	**PDB header:**membrane protein/transport protein **Chain:** B: **PDB Molecule:**upf0092 membrane protein yajc; **PDBTitle:** x-ray crystal structure of acrb in complex with a novel2 transmembrane helix.
5	c3arct_	Alignment		33.9	25	**PDB header:**electron transport, photosynthesis **Chain:** T: **PDB Molecule:**photosystem ii reaction center protein t; **PDBTitle:** crystal structure of oxygen-evolving photosystem ii at 1.9 angstrom2 resolution
6	c3hd7A_	Alignment		32.8	8	**PDB header:**exocytosis **Chain:** A: **PDB Molecule:**vesicle-associated membrane protein 2; **PDBTitle:** helical extension of the neuronal snare complex into the membrane,2 spacegroup c 1 2 1
7	d3dtub2	Alignment		26.2	12	**Fold:**Transmembrane helix hairpin **Superfamily:**Cytochrome c oxidase subunit II-like, transmembrane region **Family:**Cytochrome c oxidase subunit II-like, transmembrane region
8	c3mk7F_	Alignment		19.0	26	**PDB header:**oxidoreductase **Chain:** F: **PDB Molecule:**cytochrome c oxidase, cbb3-type, subunit p; **PDBTitle:** the structure of cbb3 cytochrome oxidase
9	c2dlaB_	Alignment		18.0	17	**PDB header:**replication **Chain:** B: **PDB Molecule:**397aa long hypothetical protein; **PDBTitle:** primase large subunit amino terminal domain from pyrococcus horikoshii
10	c3a0bT_	Alignment		16.4	25	**PDB header:**electron transport **Chain:** T: **PDB Molecule:**photosystem ii reaction center protein t; **PDBTitle:** crystal structure of br-substituted photosystem ii complex
11	c1iijA_	Alignment		12.8	19	**PDB header:**signaling protein **Chain:** A: **PDB Molecule:**erbb-2 receptor protein-tyrosine kinase; **PDBTitle:** solution structure of the neu/erbb-2 membrane spanning2 segment

12	d2cfua2	Alignment		12.8	19	**Fold:**Metallo-hydrolase/oxidoreductase **Superfamily:**Metallo-hydrolase/oxidoreductase **Family:**Alkylsulfatase-like
13	c2zjsE_	Alignment		12.5	50	**PDB header:**protein transport/immune system **Chain:** E: **PDB Molecule:**preprotein translocase sece subunit; **PDBTitle:** crystal structure of secye translocon from thermus thermophilus with a2 fab fragment
14	c3tixB_	Alignment		11.3	8	**PDB header:**gene regulation/protein binding **Chain:** B: **PDB Molecule:**chromo domain-containing protein 1; **PDBTitle:** crystal structure of the chp1-tas3 complex core
15	d1fftb2	Alignment		10.8	8	**Fold:**Transmembrane helix hairpin **Superfamily:**Cytochrome c oxidase subunit II-like, transmembrane region **Family:**Cytochrome c oxidase subunit II-like, transmembrane region
16	c3bz1T_	Alignment		10.4	25	**PDB header:**electron transport **Chain:** T: **PDB Molecule:**photosystem ii reaction center protein t; **PDBTitle:** crystal structure of cyanobacterial photosystem ii (part 12 of 2). this file contains first monomer of psii dimer
17	c3prqT_	Alignment		10.4	25	**PDB header:**photosynthesis **Chain:** T: **PDB Molecule:**photosystem ii reaction center protein t; **PDBTitle:** crystal structure of cyanobacterial photosystem ii in complex with2 terbutryn (part 1 of 2). this file contains first monomer of psii3 dimer
18	c3bz2T_	Alignment		10.4	25	**PDB header:**electron transport **Chain:** T: **PDB Molecule:**photosystem ii reaction center protein t; **PDBTitle:** crystal structure of cyanobacterial photosystem ii (part 22 of 2). this file contains second monomer of psii dimer
19	c3prrT_	Alignment		10.4	25	**PDB header:**photosynthesis **Chain:** T: **PDB Molecule:**photosystem ii reaction center protein t; **PDBTitle:** crystal structure of cyanobacterial photosystem ii in complex with2 terbutryn (part 2 of 2). this file contains second monomer of psii3 dimer
20	c1s5lT_	Alignment		10.3	25	**PDB header:**photosynthesis **Chain:** T: **PDB Molecule:**photosystem ii psbt protein; **PDBTitle:** architecture of the photosynthetic oxygen evolving center
21	c1s5lt_	Alignment	not modelled	10.3	25	**PDB header:**photosynthesis **Chain:** T: **PDB Molecule:**photosystem ii psbt protein; **PDBTitle:** architecture of the photosynthetic oxygen evolving center
22	c3kziT_	Alignment	not modelled	10.2	25	**PDB header:**electron transport **Chain:** T: **PDB Molecule:**photosystem ii reaction center protein t; **PDBTitle:** crystal structure of monomeric form of cyanobacterial photosystem ii
23	c3arcT_	Alignment	not modelled	10.2	25	**PDB header:**electron transport, photosynthesis **Chain:** T: **PDB Molecule:**photosystem ii reaction center protein t; **PDBTitle:** crystal structure of oxygen-evolving photosystem ii at 1.9 angstrom2 resolution
24	d2axtt1	Alignment	not modelled	10.2	25	**Fold:**Single transmembrane helix **Superfamily:**Photosystem II reaction center protein T, PsbT **Family:**PsbT-like
25	c3a0bt_	Alignment	not modelled	10.2	25	**PDB header:**electron transport **Chain:** T: **PDB Molecule:**photosystem ii reaction center protein t; **PDBTitle:** crystal structure of br-substituted photosystem ii complex
26	c3a0ht_	Alignment	not modelled	10.2	25	**PDB header:**electron transport **Chain:** T: **PDB Molecule:**photosystem ii reaction center protein t; **PDBTitle:** crystal structure of i-substituted photosystem ii complex
27	c2axtT_	Alignment	not modelled	10.2	25	**PDB header:**electron transport **Chain:** T: **PDB Molecule:**photosystem ii reaction center t protein; **PDBTitle:** crystal structure of photosystem ii from thermosynechococcus elongatus
28	c2axtt_	Alignment	not modelled	10.2	25	**PDB header:**electron transport **Chain:** T: **PDB Molecule:**photosystem ii reaction center t protein; **PDBTitle:** crystal structure of photosystem ii from thermosynechococcus elongatus
						PDB header:electron transport

29	c3a0hT_	Alignment	not modelled	10.2	25	**Chain:** T: **PDB Molecule:**photosystem ii reaction center protein t; **PDBTitle:** crystal structure of i-substituted photosystem ii complex
30	c2cfuA_	Alignment	not modelled	10.1	19	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**sdsa1; **PDBTitle:** crystal structure of sdsa1, an alkylsulfatase from2 pseudomonas aeruginosa, in complex with 1-decane-sulfonic-3 acid.
31	c3zqsB_	Alignment	not modelled	8.0	17	**PDB header:**ligase **Chain:** B: **PDB Molecule:**e3 ubiquitin-protein ligase fancl; **PDBTitle:** human fancl central domain
32	c3d22A_	Alignment	not modelled	6.9	14	**PDB header:**oxidoreductase **Chain:** A: **PDB Molecule:**thioredoxin h-type; **PDBTitle:** crystal structure of a poplar thioredoxin h mutant,2 pttrxh4c61s
33	d1fzda_	Alignment	not modelled	6.7	22	**Fold:**Fibrinogen C-terminal domain-like **Superfamily:**Fibrinogen C-terminal domain-like **Family:**Fibrinogen C-terminal domain-like
34	d1t57a_	Alignment	not modelled	5.9	24	**Fold:**Pyruvate kinase C-terminal domain-like **Superfamily:**PK C-terminal domain-like **Family:**MTH1675-like
35	c3qd1X_	Alignment	not modelled	5.8	45	**PDB header:**sugar binding protein **Chain:** X: **PDB Molecule:**platelet binding protein gspb; **PDBTitle:** gspb plus alpha-2,3-sialyl (1-thioethyl)galactose
36	d3pvia_	Alignment	not modelled	5.5	30	**Fold:**Restriction endonuclease-like **Superfamily:**Restriction endonuclease-like **Family:**Restriction endonuclease PvuII