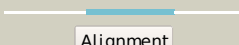

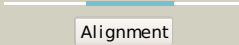

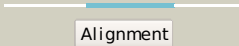

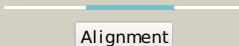
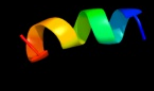
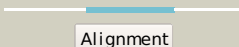

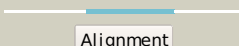

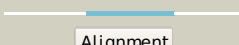

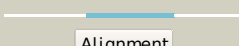

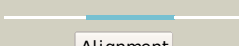

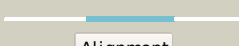





Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	C1P602
Date	Thu Jan 5 10:55:55 GMT 2012
Unique Job ID	231c867d66915ce0

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2axtl_	 Alignment		31.6	38	PDB header: electron transport Chain: L: PDB Molecule: photosystem ii reaction center I protein; PDBTitle: crystal structure of photosystem ii from thermosynechococcus elongatus
2	c3kziL_	 Alignment		31.6	38	PDB header: electron transport Chain: L: PDB Molecule: photosystem ii reaction center protein I; PDBTitle: crystal structure of monomeric form of cyanobacterial photosystem ii
3	c3a0bL_	 Alignment		31.6	38	PDB header: electron transport Chain: L: PDB Molecule: photosystem ii reaction center protein I; PDBTitle: crystal structure of br-substituted photosystem ii complex
4	c3prrl_	 Alignment		31.6	38	PDB header: photosynthesis Chain: L: PDB Molecule: photosystem ii reaction center protein I; PDBTitle: crystal structure of cyanobacterial photosystem ii in complex with2 terbutryn (part 2 of 2). this file contains second monomer of psii3 dimer
5	c3arcl_	 Alignment		31.6	38	PDB header: electron transport, photosynthesis Chain: L: PDB Molecule: photosystem ii reaction center protein I; PDBTitle: crystal structure of oxygen-evolving photosystem ii at 1.9 angstrom2 resolution
6	c1s5lL_	 Alignment		31.6	38	PDB header: photosynthesis Chain: L: PDB Molecule: photosystem ii reaction center I protein; PDBTitle: architecture of the photosynthetic oxygen evolving center
7	c3a0bl_	 Alignment		31.6	38	PDB header: electron transport Chain: L: PDB Molecule: photosystem ii reaction center protein I; PDBTitle: crystal structure of br-substituted photosystem ii complex
8	c1s5ll_	 Alignment		31.6	38	PDB header: photosynthesis Chain: L: PDB Molecule: photosystem ii reaction center I protein; PDBTitle: architecture of the photosynthetic oxygen evolving center
9	c2axtl_	 Alignment		31.6	38	PDB header: electron transport Chain: L: PDB Molecule: photosystem ii reaction center I protein; PDBTitle: crystal structure of photosystem ii from thermosynechococcus elongatus
10	c3bz1L_	 Alignment		31.6	38	PDB header: electron transport Chain: L: PDB Molecule: photosystem ii reaction center protein I; PDBTitle: crystal structure of cyanobacterial photosystem ii (part 12 of 2). this file contains first monomer of psii dimer
11	c3prql_	 Alignment		31.6	38	PDB header: photosynthesis Chain: L: PDB Molecule: photosystem ii reaction center protein I; PDBTitle: crystal structure of cyanobacterial photosystem ii in complex with2 terbutryn (part 1 of 2). this file contains first monomer of psii3 dimer

12	c3bz2L_	Alignment		31.6	38	PDB header: electron transport Chain: L: PDB Molecule: photosystem ii reaction center protein I; PDBTitle: crystal structure of cyanobacterial photosystem ii (part 22 of 2). this file contains second monomer of psii dimer
13	d2axtl1	Alignment		31.6	38	Fold: Single transmembrane helix Superfamily: Photosystem II reaction center protein L, PsbL Family: PsbL-like
14	c3bz1y_	Alignment		23.1	57	PDB header: electron transport Chain: Y: PDB Molecule: photosystem ii protein y; PDBTitle: crystal structure of cyanobacterial photosystem ii (part 12 of 2). this file contains first monomer of psii dimer
15	c3a0hY_	Alignment		23.1	57	PDB header: electron transport Chain: Y: PDB Molecule: photosystem ii reaction center protein ycf12; PDBTitle: crystal structure of i-substituted photosystem ii complex
16	c3a0hy_	Alignment		23.1	57	PDB header: electron transport Chain: Y: PDB Molecule: photosystem ii reaction center protein ycf12; PDBTitle: crystal structure of i-substituted photosystem ii complex
17	c3arcY_	Alignment		22.1	57	PDB header: electron transport, photosynthesis Chain: Y: PDB Molecule: protein ycf12; PDBTitle: crystal structure of oxygen-evolving photosystem ii at 1.9 angstrom2 resolution
18	c3arcy_	Alignment		22.1	57	PDB header: electron transport, photosynthesis Chain: Y: PDB Molecule: protein ycf12; PDBTitle: crystal structure of oxygen-evolving photosystem ii at 1.9 angstrom2 resolution
19	c3arcl_	Alignment		22.0	33	PDB header: electron transport, photosynthesis Chain: L: PDB Molecule: photosystem ii reaction center protein I; PDBTitle: crystal structure of oxygen-evolving photosystem ii at 1.9 angstrom2 resolution
20	c3a0hl_	Alignment		21.8	38	PDB header: electron transport Chain: L: PDB Molecule: photosystem ii reaction center protein I; PDBTitle: crystal structure of i-substituted photosystem ii complex
21	c3a0hL_	Alignment	not modelled	21.8	38	PDB header: electron transport Chain: L: PDB Molecule: photosystem ii reaction center protein I; PDBTitle: crystal structure of i-substituted photosystem ii complex
22	c3a0by_	Alignment	not modelled	17.3	57	PDB header: electron transport Chain: Y: PDB Molecule: photosystem ii reaction center protein ycf12; PDBTitle: crystal structure of br-substituted photosystem ii complex
23	c3a0bY_	Alignment	not modelled	15.6	57	PDB header: electron transport Chain: Y: PDB Molecule: photosystem ii reaction center protein ycf12; PDBTitle: crystal structure of br-substituted photosystem ii complex