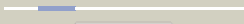
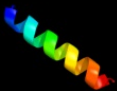
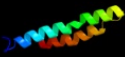
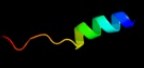
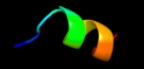
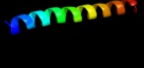
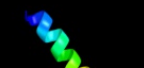
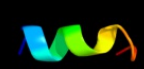


Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1jvaa2	 Alignment		35.4	67	Fold: Homing endonuclease-like Superfamily: Homing endonucleases Family: Intein endonuclease
2	d1q90L_	 Alignment		21.9	25	Fold: Single transmembrane helix Superfamily: PetL subunit of the cytochrome b6f complex Family: PetL subunit of the cytochrome b6f complex
3	c1q90L_	 Alignment		21.9	25	PDB header: photosynthesis Chain: L: PDB Molecule: cytochrome b6f complex subunit petl; PDBTitle: structure of the cytochrome b6f (plastoquinone : plastocyanin2 oxidoreductase) from chlamydomonas reinhardtii
4	c1b24A_	 Alignment		21.0	47	PDB header: intron-encoded Chain: A: PDB Molecule: protein (i-dmoi); PDBTitle: i-dmoi, intron-encoded endonuclease
5	d1b24a1	 Alignment		18.6	55	Fold: Homing endonuclease-like Superfamily: Homing endonucleases Family: Group I mobile intron endonuclease
6	d2i5nl1	 Alignment		14.3	13	Fold: Bacterial photosystem II reaction centre, L and M subunits Superfamily: Bacterial photosystem II reaction centre, L and M subunits Family: Bacterial photosystem II reaction centre, L and M subunits
7	c3a0bx_	 Alignment		11.1	9	PDB header: electron transport Chain: X: PDB Molecule: photosystem ii reaction center protein x; PDBTitle: crystal structure of br-substituted photosystem ii complex
8	c3a0bX_	 Alignment		11.1	9	PDB header: electron transport Chain: X: PDB Molecule: photosystem ii reaction center protein x; PDBTitle: crystal structure of br-substituted photosystem ii complex
9	c3a0hx_	 Alignment		11.1	9	PDB header: electron transport Chain: X: PDB Molecule: photosystem ii reaction center protein x; PDBTitle: crystal structure of i-substituted photosystem ii complex
10	c3a0hX_	 Alignment		11.1	9	PDB header: electron transport Chain: X: PDB Molecule: photosystem ii reaction center protein x; PDBTitle: crystal structure of i-substituted photosystem ii complex
11	c2k21A_	 Alignment		10.5	31	PDB header: membrane protein Chain: A: PDB Molecule: potassium voltage-gated channel subfamily e PDBTitle: nmr structure of human kcne1 in Impg micelles at ph 6.0 and 2.40 degree c

12	c3rkoF_	Alignment		9.8	19	PDB header: oxidoreductase Chain: F: PDB Molecule: nadh-quinone oxidoreductase subunit j; PDBTitle: crystal structure of the membrane domain of respiratory complex i from2 e. coli at 3.0 angstrom resolution
13	d1m56d_	Alignment		9.8	18	Fold: Single transmembrane helix Superfamily: Bacterial aa3 type cytochrome c oxidase subunit IV Family: Bacterial aa3 type cytochrome c oxidase subunit IV
14	c1s5lx_	Alignment		9.6	9	PDB header: photosynthesis Chain: X: PDB Molecule: photosystem ii psbx protein; PDBTitle: architecture of the photosynthetic oxygen evolving center
15	d1qlcd_	Alignment		8.8	15	Fold: Single transmembrane helix Superfamily: Bacterial aa3 type cytochrome c oxidase subunit IV Family: Bacterial aa3 type cytochrome c oxidase subunit IV
16	d1eysm_	Alignment		8.5	21	Fold: Bacterial photosystem II reaction centre, L and M subunits Superfamily: Bacterial photosystem II reaction centre, L and M subunits Family: Bacterial photosystem II reaction centre, L and M subunits
17	d2j8cm1	Alignment		8.2	12	Fold: Bacterial photosystem II reaction centre, L and M subunits Superfamily: Bacterial photosystem II reaction centre, L and M subunits Family: Bacterial photosystem II reaction centre, L and M subunits
18	c2hacA_	Alignment		7.0	48	PDB header: membrane protein Chain: A: PDB Molecule: t-cell surface glycoprotein cd3 zeta chain; PDBTitle: structure of zeta-zeta transmembrane dimer
19	c2e0iD_	Alignment		7.0	23	PDB header: lyase Chain: D: PDB Molecule: 432aa long hypothetical deoxyribodipyrimidine photolyase; PDBTitle: crystal structure of archaeal photolyase from sulfolobus tokodaii with2 two fad molecules: implication of a novel light-harvesting cofactor
20	d2j8cl1	Alignment		6.6	18	Fold: Bacterial photosystem II reaction centre, L and M subunits Superfamily: Bacterial photosystem II reaction centre, L and M subunits Family: Bacterial photosystem II reaction centre, L and M subunits
21	c2jobA_	Alignment	not modelled	5.7	20	PDB header: lipid binding protein Chain: A: PDB Molecule: antilipopolsaccharide factor; PDBTitle: solution structure of an antilipopolsaccharide factor from2 shrimp and its possible lipid a binding site
22	d2i5nm1	Alignment	not modelled	5.6	23	Fold: Bacterial photosystem II reaction centre, L and M subunits Superfamily: Bacterial photosystem II reaction centre, L and M subunits Family: Bacterial photosystem II reaction centre, L and M subunits
23	c2j4dA_	Alignment	not modelled	5.2	31	PDB header: dna-binding protein Chain: A: PDB Molecule: cryptochrome dash; PDBTitle: cryptochrome 3 from arabidopsis thaliana