


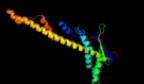
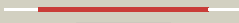




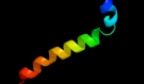

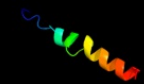

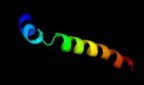



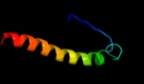

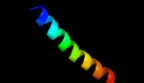

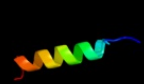
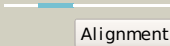
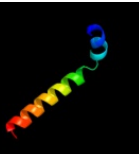




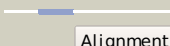
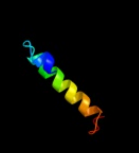
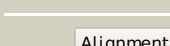



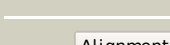

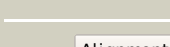
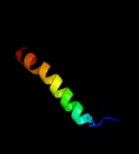

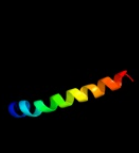


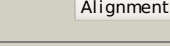
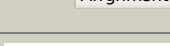

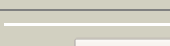
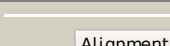



# Phyre2

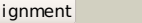

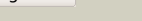


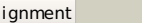
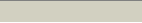
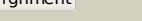

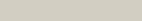
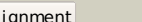


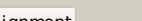

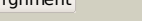


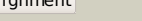


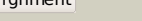


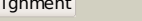


Email	I.a.kelley@imperial.ac.uk
Description	P0AG00
Date	Thu Jan 5 11:27:42 GMT 2012
Unique Job ID	4018e5160322fa19

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d3b8ma1</a>	 Alignment		99.7	18	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Bacterial polysaccharide co-polymerase-like <b>Family:</b> FepE-like
2	<a href="#">d3b8oa1</a>	 Alignment		99.6	94	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Bacterial polysaccharide co-polymerase-like <b>Family:</b> FepE-like
3	<a href="#">d3b8pa1</a>	 Alignment		99.2	26	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Bacterial polysaccharide co-polymerase-like <b>Family:</b> FepE-like
4	<a href="#">c2yl4A_</a>	 Alignment		67.4	6	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> atp-binding cassette sub-family b member 10, <b>PDBTitle:</b> structure of the human mitochondrial abc transporter, abcb10
5	<a href="#">d2hyda2</a>	 Alignment		60.3	9	<b>Fold:</b> ABC transporter transmembrane region <b>Superfamily:</b> ABC transporter transmembrane region <b>Family:</b> ABC transporter transmembrane region
6	<a href="#">c2rmzA_</a>	 Alignment		56.7	18	<b>PDB header:</b> cell adhesion <b>Chain:</b> A: <b>PDB Molecule:</b> integrin beta-3; <b>PDBTitle:</b> bicelle-embedded integrin beta3 transmembrane segment
7	<a href="#">c2hydB_</a>	 Alignment		46.8	9	<b>PDB header:</b> transport protein <b>Chain:</b> B: <b>PDB Molecule:</b> abc transporter homolog; <b>PDBTitle:</b> multidrug abc transporter sav1866
8	<a href="#">d1pf4a2</a>	 Alignment		43.5	18	<b>Fold:</b> ABC transporter transmembrane region <b>Superfamily:</b> ABC transporter transmembrane region <b>Family:</b> ABC transporter transmembrane region
9	<a href="#">d1pw4a_</a>	 Alignment		43.4	18	<b>Fold:</b> MFS general substrate transporter <b>Superfamily:</b> MFS general substrate transporter <b>Family:</b> Glycerol-3-phosphate transporter
10	<a href="#">c3hd7A_</a>	 Alignment		39.0	19	<b>PDB header:</b> exocytosis <b>Chain:</b> A: <b>PDB Molecule:</b> vesicle-associated membrane protein 2; <b>PDBTitle:</b> helical extension of the neuronal snare complex into the membrane, 2 spacegroup c 1 2 1
11	<a href="#">c3ij4A_</a>	 Alignment		35.2	30	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> amiloride-sensitive cation channel 2, neuronal; <b>PDBTitle:</b> cesium sites in the crystal structure of a functional acid2 sensing ion channel in the desensitized state

12	<a href="#">d3b60a2</a>	 Alignment		32.1	34	<b>Fold:</b> ABC transporter transmembrane region <b>Superfamily:</b> ABC transporter transmembrane region <b>Family:</b> ABC transporter transmembrane region
13	<a href="#">c3g5uB_</a>	 Alignment		29.8	14	<b>PDB header:</b> membrane protein <b>Chain:</b> B: <b>PDB Molecule:</b> multidrug resistance protein 1a; <b>PDBTitle:</b> structure of p-glycoprotein reveals a molecular basis for2 poly-specific drug binding
14	<a href="#">c2kncA_</a>	 Alignment		27.8	14	<b>PDB header:</b> cell adhesion <b>Chain:</b> A: <b>PDB Molecule:</b> integrin alpha-iiB; <b>PDBTitle:</b> platelet integrin alphaIIb-beta3 transmembrane-cytoplasmic2 heterocomplex
15	<a href="#">d2r6gf1</a>	 Alignment		22.8	15	<b>Fold:</b> MalF N-terminal region-like <b>Superfamily:</b> MalF N-terminal region-like <b>Family:</b> MalF N-terminal region-like
16	<a href="#">c2qtsA_</a>	 Alignment		21.1	23	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> acid-sensing ion channel; <b>PDBTitle:</b> structure of an acid-sensing ion channel 1 at 1.9 a resolution and low2 ph
17	<a href="#">c3b5wE_</a>	 Alignment		21.1	34	<b>PDB header:</b> membrane protein <b>Chain:</b> E: <b>PDB Molecule:</b> lipid a export atp-binding/permease protein msba; <b>PDBTitle:</b> crystal structure of eschericia coli msba
18	<a href="#">c2y69Z_</a>	 Alignment		20.7	20	<b>PDB header:</b> electron transport <b>Chain:</b> Z: <b>PDB Molecule:</b> cytochrome c oxidase polypeptide 8h; <b>PDBTitle:</b> bovine heart cytochrome c oxidase re-refined with molecular2 oxygen
19	<a href="#">d1v54m_</a>	 Alignment		20.4	20	<b>Fold:</b> Single transmembrane helix <b>Superfamily:</b> Mitochondrial cytochrome c oxidase subunit VIIIb (aka IX) <b>Family:</b> Mitochondrial cytochrome c oxidase subunit VIIIb (aka IX)
20	<a href="#">c2yvxD_</a>	 Alignment		19.5	14	<b>PDB header:</b> transport protein <b>Chain:</b> D: <b>PDB Molecule:</b> mg2+ transporter mgte; <b>PDBTitle:</b> crystal structure of magnesium transporter mgte
21	<a href="#">c2k21A_</a>	 Alignment	not modelled	16.5	19	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> potassium voltage-gated channel subfamily e <b>PDBTitle:</b> nmr structure of human kcne1 in Impg micelles at ph 6.0 and2 40 degree c
22	<a href="#">d1xrda1</a>	 Alignment	not modelled	16.5	16	<b>Fold:</b> Light-harvesting complex subunits <b>Superfamily:</b> Light-harvesting complex subunits <b>Family:</b> Light-harvesting complex subunits
23	<a href="#">d1rhzb_</a>	 Alignment	not modelled	15.9	15	<b>Fold:</b> Single transmembrane helix <b>Superfamily:</b> Preprotein translocase SecE subunit <b>Family:</b> Preprotein translocase SecE subunit
24	<a href="#">c2e75E_</a>	 Alignment	not modelled	15.8	17	<b>PDB header:</b> photosynthesis <b>Chain:</b> E: <b>PDB Molecule:</b> cytochrome b6-f complex subunit 6; <b>PDBTitle:</b> crystal structure of the cytochrome b6f complex with 2-nonyl-4-2 hydroxyquinoline n-oxide (nqno) from m.laminosus
25	<a href="#">d2e74e1</a>	 Alignment	not modelled	15.8	17	<b>Fold:</b> Single transmembrane helix <b>Superfamily:</b> PetL subunit of the cytochrome b6f complex <b>Family:</b> PetL subunit of the cytochrome b6f complex
26	<a href="#">c1vf5R_</a>	 Alignment	not modelled	15.8	17	<b>PDB header:</b> photosynthesis <b>Chain:</b> R: <b>PDB Molecule:</b> protein pet l; <b>PDBTitle:</b> crystal structure of cytochrome b6f complex from m.laminosus
27	<a href="#">c2e76E_</a>	 Alignment	not modelled	15.8	17	<b>PDB header:</b> photosynthesis <b>Chain:</b> E: <b>PDB Molecule:</b> cytochrome b6-f complex subunit 6; <b>PDBTitle:</b> crystal structure of the cytochrome b6f complex with tridecyl-2 stigmatellin (tds) from m.laminosus
28	<a href="#">c2e74E_</a>	 Alignment	not modelled	15.8	17	<b>PDB header:</b> photosynthesis <b>Chain:</b> E: <b>PDB Molecule:</b> cytochrome b6-f complex subunit 6; <b>PDBTitle:</b> crystal structure of the cytochrome b6f complex from m.laminosus

29	<a href="#">dlv54d_</a>	Alignment	not modelled	15.1	5	<b>Fold:</b> Single transmembrane helix <b>Superfamily:</b> Mitochondrial cytochrome c oxidase subunit IV <b>Family:</b> Mitochondrial cytochrome c oxidase subunit IV
30	<a href="#">c2y69Q_</a>	Alignment	not modelled	14.8	5	<b>PDB header:</b> electron transport <b>Chain:</b> Q: <b>PDB Molecule:</b> cytochrome c oxidase subunit 4 isoform 1; <b>PDBTitle:</b> bovine heart cytochrome c oxidase re-refined with molecular2 oxygen
31	<a href="#">c3b5xB_</a>	Alignment	not modelled	13.4	19	<b>PDB header:</b> membrane protein <b>Chain:</b> B: <b>PDB Molecule:</b> lipid a export atp-binding/permease protein msba; <b>PDBTitle:</b> crystal structure of msba from vibrio cholerae
32	<a href="#">c1vf5E_</a>	Alignment	not modelled	13.4	18	<b>PDB header:</b> photosynthesis <b>Chain:</b> E: <b>PDB Molecule:</b> protein pet l; <b>PDBTitle:</b> crystal structure of cytochrome b6f complex from m.laminosus
33	<a href="#">c3ixzB_</a>	Alignment	not modelled	11.9	19	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> potassium-transporting atpase subunit beta; <b>PDBTitle:</b> pig gastric h+/k+-atpase complexed with aluminium fluoride
34	<a href="#">c2k1aA_</a>	Alignment	not modelled	11.8	14	<b>PDB header:</b> cell adhesion <b>Chain:</b> A: <b>PDB Molecule:</b> integrin alpha-iiB; <b>PDBTitle:</b> bicelle-embedded integrin alpha(iiB) transmembrane segment
35	<a href="#">c3arct_</a>	Alignment	not modelled	11.4	14	<b>PDB header:</b> electron transport, photosynthesis <b>Chain:</b> T: <b>PDB Molecule:</b> photosystem ii reaction center protein t; <b>PDBTitle:</b> crystal structure of oxygen-evolving photosystem ii at 1.9 angstrom2 resolution
36	<a href="#">c3k07A_</a>	Alignment	not modelled	11.1	10	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> cation efflux system protein cusa; <b>PDBTitle:</b> crystal structure of cusa
37	<a href="#">d2alea1</a>	Alignment	not modelled	10.0	22	<b>Fold:</b> Bacillus chorismate mutase-like <b>Superfamily:</b> L30e-like <b>Family:</b> L30e/L7ae ribosomal proteins
38	<a href="#">d1ctja_</a>	Alignment	not modelled	9.8	22	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
39	<a href="#">c3si5X_</a>	Alignment	not modelled	9.8	25	<b>PDB header:</b> cell cycle <b>Chain:</b> X: <b>PDB Molecule:</b> protein casc5; <b>PDBTitle:</b> kinetochore-bubR1 kinase complex
40	<a href="#">c2kncB_</a>	Alignment	not modelled	9.8	12	<b>PDB header:</b> cell adhesion <b>Chain:</b> B: <b>PDB Molecule:</b> integrin beta-3; <b>PDBTitle:</b> platelet integrin alfaIIb-beta3 transmembrane-cytoplasmic2 heterocomplex
41	<a href="#">c2l2tA_</a>	Alignment	not modelled	9.6	30	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> receptor tyrosine-protein kinase erbb-4; <b>PDBTitle:</b> solution nmr structure of the erbb4 dimeric membrane domain
42	<a href="#">c2o01L_</a>	Alignment	not modelled	9.2	27	<b>PDB header:</b> photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem i reaction center subunit xi, <b>PDBTitle:</b> the structure of a plant photosystem i supercomplex at 3.42 angstrom resolution
43	<a href="#">d1c6ra_</a>	Alignment	not modelled	8.8	17	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
44	<a href="#">dlv54g_</a>	Alignment	not modelled	8.5	8	<b>Fold:</b> Single transmembrane helix <b>Superfamily:</b> Mitochondrial cytochrome c oxidase subunit VIa <b>Family:</b> Mitochondrial cytochrome c oxidase subunit VIa
45	<a href="#">d1xmec1</a>	Alignment	not modelled	8.4	21	<b>Fold:</b> Single transmembrane helix <b>Superfamily:</b> Bacterial ba3 type cytochrome c oxidase subunit IIa <b>Family:</b> Bacterial ba3 type cytochrome c oxidase subunit IIa
46	<a href="#">d1nwaa_</a>	Alignment	not modelled	8.4	19	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Peptide methionine sulfoxide reductase <b>Family:</b> Peptide methionine sulfoxide reductase
47	<a href="#">c1nwaA_</a>	Alignment	not modelled	8.4	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> peptide methionine sulfoxide reductase msra; <b>PDBTitle:</b> structure of mycobacterium tuberculosis methionine2 sulfoxide reductase a in complex with protein-bound3 methionine
48	<a href="#">c2wwbB_</a>	Alignment	not modelled	8.2	21	<b>PDB header:</b> ribosome <b>Chain:</b> B: <b>PDB Molecule:</b> protein transport protein sec61 subunit gamma; <b>PDBTitle:</b> cryo-em structure of the mammalian sec61 complex bound to the2 actively translating wheat germ 80s ribosome
49	<a href="#">d1y5ic1</a>	Alignment	not modelled	7.8	34	<b>Fold:</b> Heme-binding four-helical bundle <b>Superfamily:</b> Respiratory nitrate reductase 1 gamma chain <b>Family:</b> Respiratory nitrate reductase 1 gamma chain
50	<a href="#">c3b8eB_</a>	Alignment	not modelled	7.7	20	<b>PDB header:</b> hydrolase/transport protein <b>Chain:</b> B: <b>PDB Molecule:</b> sodium/potassium-transporting atpase subunit <b>PDBTitle:</b> crystal structure of the sodium-potassium pump
51	<a href="#">c3sc0A_</a>	Alignment	not modelled	7.5	12	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> methylmalonic aciduria and homocystinuria type c protein; <b>PDBTitle:</b> crystal structure of mmachc (1-238), a human b12 processing enzyme,2 complexed with methylcobalamin
52	<a href="#">c1kqfB_</a>	Alignment	not modelled	7.5	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> formate dehydrogenase, nitrate-inducible, iron-sulfur <b>PDBTitle:</b> formate dehydrogenase n from e. coli
53	<a href="#">c3ghfA_</a>	Alignment	not modelled	7.4	26	<b>PDB header:</b> cell cycle <b>Chain:</b> A: <b>PDB Molecule:</b> septum site-determining protein minc; <b>PDBTitle:</b> crystal structure of the septum site-determining protein2 minc from salmonella typhimurium
						<b>PDB header:</b> viral protein

54	<a href="#">c2kvlA_</a>		Alignment	not modelled	7.3	11	<b>Chain:</b> A: <b>PDB Molecule:</b> major outer capsid protein vp7; <b>PDBTitle:</b> nmr structure of the c-terminal domain of vp7
55	<a href="#">c2wwbC_</a>		Alignment	not modelled	7.3	16	<b>PDB header:</b> ribosome <b>Chain:</b> C: <b>PDB Molecule:</b> protein transport protein sec61 subunit beta; <b>PDBTitle:</b> cryo-em structure of the mammalian sec61 complex bound to the2 actively translating wheat germ 80s ribosome
56	<a href="#">c1fvaA_</a>		Alignment	not modelled	7.1	12	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> peptide methionine sulfoxide reductase; <b>PDBTitle:</b> crystal structure of bovine methionine sulfoxide reductase
57	<a href="#">c2j89A_</a>		Alignment	not modelled	7.1	31	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> methionine sulfoxide reductase a; <b>PDBTitle:</b> functional and structural aspects of poplar cytosolic and2 plastidial type a methionine sulfoxide reductases
58	<a href="#">c3bqhA_</a>		Alignment	not modelled	7.1	6	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> peptide methionine sulfoxide reductase msra/msrb; <b>PDBTitle:</b> structure of the central domain (msra) of neisseria meningitidis pilb2 (oxidized form)
59	<a href="#">c2k1IA_</a>		Alignment	not modelled	7.0	21	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> ephrin type-a receptor 1; <b>PDBTitle:</b> nmr structures of dimeric transmembrane domain of the2 receptor tyrosine kinase epha1 in lipid bicelles at ph 6.3
60	<a href="#">c2k1kB_</a>		Alignment	not modelled	7.0	21	<b>PDB header:</b> signaling protein <b>Chain:</b> B: <b>PDB Molecule:</b> ephrin type-a receptor 1; <b>PDBTitle:</b> nmr structures of dimeric transmembrane domain of the2 receptor tyrosine kinase epha1 in lipid bicelles at ph 4.3
61	<a href="#">c2k1IB_</a>		Alignment	not modelled	7.0	21	<b>PDB header:</b> signaling protein <b>Chain:</b> B: <b>PDB Molecule:</b> ephrin type-a receptor 1; <b>PDBTitle:</b> nmr structures of dimeric transmembrane domain of the2 receptor tyrosine kinase epha1 in lipid bicelles at ph 6.3
62	<a href="#">c2k1kA_</a>		Alignment	not modelled	7.0	21	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> ephrin type-a receptor 1; <b>PDBTitle:</b> nmr structures of dimeric transmembrane domain of the2 receptor tyrosine kinase epha1 in lipid bicelles at ph 4.3
63	<a href="#">c2ht2B_</a>		Alignment	not modelled	6.9	21	<b>PDB header:</b> membrane protein <b>Chain:</b> B: <b>PDB Molecule:</b> h(+)/cl(-) exchange transporter clca; <b>PDBTitle:</b> structure of the escherichia coli clc chloride channel2 y445h mutant and fab complex
64	<a href="#">d1ff3c_</a>		Alignment	not modelled	6.8	13	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Peptide methionine sulfoxide reductase <b>Family:</b> Peptide methionine sulfoxide reductase
65	<a href="#">d1v54I_</a>		Alignment	not modelled	6.7	19	<b>Fold:</b> Single transmembrane helix <b>Superfamily:</b> Mitochondrial cytochrome c oxidase subunit VIIc (aka VIIla) <b>Family:</b> Mitochondrial cytochrome c oxidase subunit VIIc (aka VIIla)
66	<a href="#">d1fvga_</a>		Alignment	not modelled	6.7	12	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Peptide methionine sulfoxide reductase <b>Family:</b> Peptide methionine sulfoxide reductase
67	<a href="#">c1ps9A_</a>		Alignment	not modelled	6.6	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> 2,4-dienoyl-coa reductase; <b>PDBTitle:</b> the crystal structure and reaction mechanism of e. coli 2,4-2 dienoyl coa reductase
68	<a href="#">c1xl6B_</a>		Alignment	not modelled	6.6	6	<b>PDB header:</b> metal transport <b>Chain:</b> B: <b>PDB Molecule:</b> inward rectifier potassium channel; <b>PDBTitle:</b> intermediate gating structure 2 of the inwardly rectifying k+ channel2 kirbac3.1
69	<a href="#">d1jr1a4</a>		Alignment	not modelled	6.6	21	<b>Fold:</b> CBS-domain pair <b>Superfamily:</b> CBS-domain pair <b>Family:</b> CBS-domain pair
70	<a href="#">d1ff3a_</a>		Alignment	not modelled	6.5	12	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Peptide methionine sulfoxide reductase <b>Family:</b> Peptide methionine sulfoxide reductase
71	<a href="#">c1amlA_</a>		Alignment	not modelled	6.5	33	<b>PDB header:</b> serine protease inhibitor <b>Chain:</b> A: <b>PDB Molecule:</b> amyloid a4; <b>PDBTitle:</b> the alzheimer`s disease amyloid a4 peptide (residues 1-40)
72	<a href="#">c3pilA_</a>		Alignment	not modelled	6.5	12	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> peptide methionine sulfoxide reductase; <b>PDBTitle:</b> crystal structure of mxr1 from saccharomyces cerevisiae in reduced2 form
73	<a href="#">d1cpcA_</a>		Alignment	not modelled	6.3	8	<b>Fold:</b> Globin-like <b>Superfamily:</b> Globin-like <b>Family:</b> Phycocyanin-like phycobilisome proteins
74	<a href="#">c3a0bx_</a>		Alignment	not modelled	6.1	17	<b>PDB header:</b> electron transport <b>Chain:</b> X: <b>PDB Molecule:</b> photosystem ii reaction center protein x; <b>PDBTitle:</b> crystal structure of br-substituted photosystem ii complex
75	<a href="#">c3a0bX_</a>		Alignment	not modelled	6.1	17	<b>PDB header:</b> electron transport <b>Chain:</b> X: <b>PDB Molecule:</b> photosystem ii reaction center protein x; <b>PDBTitle:</b> crystal structure of br-substituted photosystem ii complex
76	<a href="#">c3a0hX_</a>		Alignment	not modelled	6.1	17	<b>PDB header:</b> electron transport <b>Chain:</b> X: <b>PDB Molecule:</b> photosystem ii reaction center protein x; <b>PDBTitle:</b> crystal structure of i-substituted photosystem ii complex
77	<a href="#">c3a0hx_</a>		Alignment	not modelled	6.1	17	<b>PDB header:</b> electron transport <b>Chain:</b> X: <b>PDB Molecule:</b> photosystem ii reaction center protein x; <b>PDBTitle:</b> crystal structure of i-substituted photosystem ii complex
78	<a href="#">d1xk4c1</a>		Alignment	not modelled	6.0	11	<b>Fold:</b> EF Hand-like <b>Superfamily:</b> EF-hand <b>Family:</b> S100 proteins
79	<a href="#">d1lotsa_</a>		Alignment	not modelled	6.0	22	<b>Fold:</b> Clc chloride channel <b>Superfamily:</b> Clc chloride channel <b>Family:</b> Clc chloride channel
							<b>Fold:</b> Globin-like

80	<a href="#">d1jboa_</a>	Alignment	not modelled	6.0	5	<b>Superfamily:</b> Globin-like <b>Family:</b> Phycocyanin-like phycobilisome proteins
81	<a href="#">c3dmiA_</a>	Alignment	not modelled	5.9	11	<b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> cytochrome c6; <b>PDBTitle:</b> crystallization and structural analysis of cytochrome c62 from the diatom phaeodactylum tricornutum at 1.5 a3 resolution
82	<a href="#">d2i5nh2</a>	Alignment	not modelled	5.8	11	<b>Fold:</b> Single transmembrane helix <b>Superfamily:</b> Photosystem II reaction centre subunit H, transmembrane region <b>Family:</b> Photosystem II reaction centre subunit H, transmembrane region
83	<a href="#">c2l9uA_</a>	Alignment	not modelled	5.8	16	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> receptor tyrosine-protein kinase erbb-3; <b>PDBTitle:</b> spatial structure of dimeric erbb3 transmembrane domain
84	<a href="#">c2kluA_</a>	Alignment	not modelled	5.7	15	<b>PDB header:</b> immune system, membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> t-cell surface glycoprotein cd4; <b>PDBTitle:</b> nmr structure of the transmembrane and cytoplasmic domains2 of human cd4
85	<a href="#">c2gqcA_</a>	Alignment	not modelled	5.7	23	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> rhomboid intramembrane protease; <b>PDBTitle:</b> solution structure of the n-terminal domain of rhomboid intramembrane2 protease from p. aeruginosa
86	<a href="#">c1s5lx_</a>	Alignment	not modelled	5.6	17	<b>PDB header:</b> photosynthesis <b>Chain:</b> X: <b>PDB Molecule:</b> photosystem ii psbx protein; <b>PDBTitle:</b> architecture of the photosynthetic oxygen evolving center
87	<a href="#">c1kveA_</a>	Alignment	not modelled	5.6	31	<b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> smk toxin; <b>PDBTitle:</b> killer toxin from halotolerant yeast
88	<a href="#">c3kdpG_</a>	Alignment	not modelled	5.6	25	<b>PDB header:</b> hydrolase <b>Chain:</b> G: <b>PDB Molecule:</b> na+/k+ atpase gamma subunit transcript variant a; <b>PDBTitle:</b> crystal structure of the sodium-potassium pump
89	<a href="#">c3kdpH_</a>	Alignment	not modelled	5.6	25	<b>PDB header:</b> hydrolase <b>Chain:</b> H: <b>PDB Molecule:</b> na+/k+ atpase gamma subunit transcript variant a; <b>PDBTitle:</b> crystal structure of the sodium-potassium pump
90	<a href="#">c2k9yB_</a>	Alignment	not modelled	5.6	25	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> ephrin type-a receptor 2; <b>PDBTitle:</b> epha2 dimeric structure in the lipidic bicelle at ph 5.0
91	<a href="#">c2k9yA_</a>	Alignment	not modelled	5.6	25	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> ephrin type-a receptor 2; <b>PDBTitle:</b> epha2 dimeric structure in the lipidic bicelle at ph 5.0
92	<a href="#">c1ql1A_</a>	Alignment	not modelled	5.5	26	<b>PDB header:</b> virus <b>Chain:</b> A: <b>PDB Molecule:</b> pf1 bacteriophage coat protein b; <b>PDBTitle:</b> inovirus (filamentous bacteriophage) strain pf1 major coat2 protein assembly
93	<a href="#">c1ronA_</a>	Alignment	not modelled	5.5	19	<b>PDB header:</b> neuropeptide <b>Chain:</b> A: <b>PDB Molecule:</b> neuropeptide y; <b>PDBTitle:</b> nmr solution structure of human neuropeptide y
94	<a href="#">d1f1fa_</a>	Alignment	not modelled	5.4	14	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
95	<a href="#">c3e0mB_</a>	Alignment	not modelled	5.3	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> peptide methionine sulfoxide reductase msra/msrb <b>PDBTitle:</b> crystal structure of fusion protein of msra and msrb
96	<a href="#">d2guka1</a>	Alignment	not modelled	5.3	38	<b>Fold:</b> PG1857-like <b>Superfamily:</b> PG1857-like <b>Family:</b> PG1857-like
97	<a href="#">d1gdva_</a>	Alignment	not modelled	5.3	10	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
98	<a href="#">d1w36c3</a>	Alignment	not modelled	5.3	25	<b>Fold:</b> Restriction endonuclease-like <b>Superfamily:</b> Restriction endonuclease-like <b>Family:</b> Exodeoxyribonuclease V beta chain (RecC), C-terminal domain
99	<a href="#">c3dr0B_</a>	Alignment	not modelled	5.2	8	<b>PDB header:</b> electron transport <b>Chain:</b> B: <b>PDB Molecule:</b> cytochrome c6; <b>PDBTitle:</b> structure of reduced cytochrome c6 from synechococcus sp.2 pcc 7002