
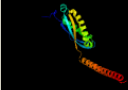







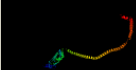

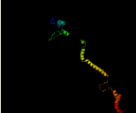

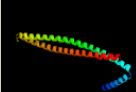








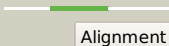
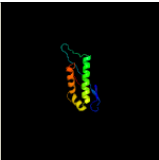
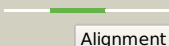


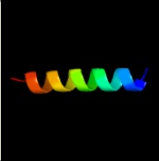

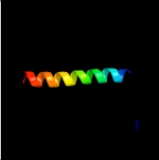
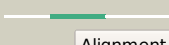


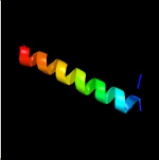

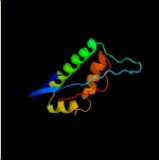

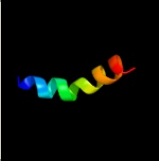

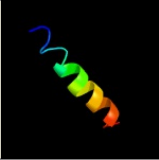
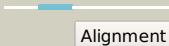
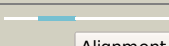


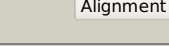
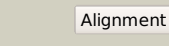
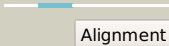
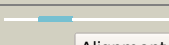



# Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD1488 (-) _1677403_1678548
Date	Fri Aug 2 13:30:07 BST 2019
Unique Job ID	6deec3722d6d0438

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c3bk6C_</a>	 Alignment		99.9	39	<b>PDB header:</b> membrane protein <b>Chain:</b> C; <b>PDB Molecule:</b> ph stomatin; <b>PDBTitle:</b> crystal structure of a core domain of stomatin from2 pyrococcus horikoshii
2	<a href="#">d1wina_</a>	 Alignment		99.7	20	<b>Fold:</b> EF-Ts domain-like <b>Superfamily:</b> Band 7/SPFH domain <b>Family:</b> Band 7/SPFH domain
3	<a href="#">c4fvjB_</a>	 Alignment		99.7	38	<b>PDB header:</b> membrane protein <b>Chain:</b> B; <b>PDB Molecule:</b> stomatin; <b>PDBTitle:</b> spfh domain of the mouse stomatin (crystal form 2)
4	<a href="#">c2rpbA_</a>	 Alignment		99.7	48	<b>PDB header:</b> membrane protein <b>Chain:</b> A; <b>PDB Molecule:</b> hypothetical membrane protein; <b>PDBTitle:</b> the solution structure of membrane protein
5	<a href="#">c2zv4O_</a>	 Alignment		99.2	13	<b>PDB header:</b> structural protein <b>Chain:</b> O; <b>PDB Molecule:</b> major vault protein; <b>PDBTitle:</b> the structure of rat liver vault at 3.5 angstrom resolution
6	<a href="#">c2qzvB_</a>	 Alignment		96.6	15	<b>PDB header:</b> structural protein <b>Chain:</b> B; <b>PDB Molecule:</b> major vault protein; <b>PDBTitle:</b> draft crystal structure of the vault shell at 9 angstroms2 resolution
7	<a href="#">c5ew5C_</a>	 Alignment		75.3	13	<b>PDB header:</b> hydrolase <b>Chain:</b> C; <b>PDB Molecule:</b> colicin-e9; <b>PDBTitle:</b> crystal structure of colicin e9 in complex with its immunity protein2 im9
8	<a href="#">c2jp3A_</a>	 Alignment		67.0	29	<b>PDB header:</b> transcription <b>Chain:</b> A; <b>PDB Molecule:</b> fxyd domain-containing ion transport regulator 4; <b>PDBTitle:</b> solution structure of the human fxyd4 (chif) protein in sds2 micelles
9	<a href="#">c2jo1A_</a>	 Alignment		66.7	33	<b>PDB header:</b> hydrolase regulator <b>Chain:</b> A; <b>PDB Molecule:</b> phospholemman; <b>PDBTitle:</b> structure of the na,k-atpase regulatory protein fxyd1 in2 micelles
10	<a href="#">c3zeyO_</a>	 Alignment		66.6	13	<b>PDB header:</b> ribosome <b>Chain:</b> O; <b>PDB Molecule:</b> 40s ribosomal protein s3a, putative; <b>PDBTitle:</b> high-resolution cryo-electron microscopy structure of the trypanosoma2 brucei ribosome
11	<a href="#">c2mkvA_</a>	 Alignment		62.3	19	<b>PDB header:</b> transport protein <b>Chain:</b> A; <b>PDB Molecule:</b> sodium/potassium-transporting atpase subunit gamma; <b>PDBTitle:</b> structure of the na,k-atpase regulatory protein fxyd2b in micelles

12	<a href="#">c5xyiB_</a>	 Alignment		59.2	14	<b>PDB header:</b> ribosome <b>Chain:</b> B: <b>PDB Molecule:</b> ribosomal protein s3ae, putative; <b>PDBTitle:</b> small subunit of trichomonas vaginalis ribosome
13	<a href="#">c3j3aB_</a>	 Alignment		56.9	13	<b>PDB header:</b> ribosome <b>Chain:</b> B: <b>PDB Molecule:</b> 40s ribosomal protein s3a; <b>PDBTitle:</b> structure of the human 40s ribosomal proteins
14	<a href="#">c2zxeG_</a>	 Alignment		55.0	38	<b>PDB header:</b> hydrolase/transport protein <b>Chain:</b> G: <b>PDB Molecule:</b> phospholemman-like protein; <b>PDBTitle:</b> crystal structure of the sodium - potassium pump in the e2.2k+.pi2 state
15	<a href="#">c5naoA_</a>	 Alignment		51.2	22	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> toll-like receptor 4; <b>PDBTitle:</b> nmr structure of tir4 transmembrane domain (624-657) in dpc micelles
16	<a href="#">c3u5gB_</a>	 Alignment		44.5	22	<b>PDB header:</b> ribosome <b>Chain:</b> B: <b>PDB Molecule:</b> 40s ribosomal protein s1-a; <b>PDBTitle:</b> the structure of the eukaryotic ribosome at 3.0 a resolution. this2 entry contains proteins of the 40s subunit, ribosome b
17	<a href="#">c5namA_</a>	 Alignment		43.8	22	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> toll-like receptor 4; <b>PDBTitle:</b> nmr structure of tir4 transmembrane domain (624-670) in dmpp/dhpc2 bicelles
18	<a href="#">c2xzm4_</a>	 Alignment		39.9	11	<b>PDB header:</b> ribosome <b>Chain:</b> 4: <b>PDB Molecule:</b> 40s ribosomal protein s3a; <b>PDBTitle:</b> crystal structure of the eukaryotic 40s ribosomal2 subunit in complex with initiation factor 1. this file3 contains the 40s subunit and initiation factor for4 molecule 1
19	<a href="#">c2lp1A_</a>	 Alignment		37.3	30	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> c99; <b>PDBTitle:</b> the solution nmr structure of the transmembrane c-terminal domain of2 the amyloid precursor protein (c99)
20	<a href="#">c3n23E_</a>	 Alignment		34.8	30	<b>PDB header:</b> hydrolase <b>Chain:</b> E: <b>PDB Molecule:</b> na+/k+ atpase gamma subunit transcript variant a; <b>PDBTitle:</b> crystal structure of the high affinity complex between ouabain and the2 e2p form of the sodium-potassium pump
21	<a href="#">c2n28A_</a>	 Alignment	not modelled	34.3	31	<b>PDB header:</b> viral protein <b>Chain:</b> A: <b>PDB Molecule:</b> protein vpu; <b>PDBTitle:</b> solid-state nmr structure of vpu
22	<a href="#">c3kdpD_</a>	 Alignment	not modelled	33.8	14	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> sodium/potassium-transporting atpase subunit beta-1; <b>PDBTitle:</b> crystal structure of the sodium-potassium pump
23	<a href="#">c6mq2D_</a>	 Alignment	not modelled	33.2	33	<b>PDB header:</b> de novo protein <b>Chain:</b> D: <b>PDB Molecule:</b> mini-evgl membrane protein; <b>PDBTitle:</b> de novo design of membrane protein--mini-evgl membrane protein, c22212 form-2
24	<a href="#">c6mctC_</a>	 Alignment	not modelled	33.2	33	<b>PDB header:</b> de novo protein <b>Chain:</b> C: <b>PDB Molecule:</b> mini-evgl membrane protein; <b>PDBTitle:</b> a designed pentameric membrane protein stabilized by van der waals2 interaction
25	<a href="#">c6mctD_</a>	 Alignment	not modelled	33.2	33	<b>PDB header:</b> de novo protein <b>Chain:</b> D: <b>PDB Molecule:</b> mini-evgl membrane protein; <b>PDBTitle:</b> a designed pentameric membrane protein stabilized by van der waals2 interaction
26	<a href="#">c6mctE_</a>	 Alignment	not modelled	33.2	33	<b>PDB header:</b> de novo protein <b>Chain:</b> E: <b>PDB Molecule:</b> mini-evgl membrane protein; <b>PDBTitle:</b> a designed pentameric membrane protein stabilized by van der waals2 interaction
27	<a href="#">c6mctB_</a>	 Alignment	not modelled	33.2	33	<b>PDB header:</b> de novo protein <b>Chain:</b> B: <b>PDB Molecule:</b> mini-evgl membrane protein; <b>PDBTitle:</b> a designed pentameric membrane protein stabilized by van der waals2 interaction
28	<a href="#">c6mctF_</a>	 Alignment	not modelled	33.2	33	<b>PDB header:</b> de novo protein <b>Chain:</b> F: <b>PDB Molecule:</b> mini-evgl membrane protein; <b>PDBTitle:</b> a designed pentameric membrane protein stabilized by van der waals2 interaction
		 Alignment				<b>PDB header:</b> de novo protein

29	<a href="#">c6mctG</a>	Alignment	not modelled	33.2	33	<b>Chain:</b> G: <b>PDB Molecule:</b> mini-evgl membrane protein; <b>PDBTitle:</b> a designed pentameric membrane protein stabilized by van der waals2 interaction <b>PDB header:</b> de novo protein
30	<a href="#">c6mctJ</a>	Alignment	not modelled	33.2	33	<b>Chain:</b> J: <b>PDB Molecule:</b> mini-evgl membrane protein; <b>PDBTitle:</b> a designed pentameric membrane protein stabilized by van der waals2 interaction <b>PDB header:</b> de novo protein
31	<a href="#">c6mctL</a>	Alignment	not modelled	33.2	33	<b>Chain:</b> L: <b>PDB Molecule:</b> mini-evgl membrane protein; <b>PDBTitle:</b> a designed pentameric membrane protein stabilized by van der waals2 interaction <b>PDB header:</b> de novo protein
32	<a href="#">c6mctI</a>	Alignment	not modelled	33.2	33	<b>Chain:</b> I: <b>PDB Molecule:</b> mini-evgl membrane protein; <b>PDBTitle:</b> a designed pentameric membrane protein stabilized by van der waals2 interaction <b>PDB header:</b> de novo protein
33	<a href="#">c6mctO</a>	Alignment	not modelled	33.2	33	<b>Chain:</b> O: <b>PDB Molecule:</b> mini-evgl membrane protein; <b>PDBTitle:</b> a designed pentameric membrane protein stabilized by van der waals2 interaction <b>PDB header:</b> de novo protein
34	<a href="#">c6mctH</a>	Alignment	not modelled	33.2	33	<b>Chain:</b> H: <b>PDB Molecule:</b> mini-evgl membrane protein; <b>PDBTitle:</b> a designed pentameric membrane protein stabilized by van der waals2 interaction <b>PDB header:</b> de novo protein
35	<a href="#">c6mpwA</a>	Alignment	not modelled	33.2	33	<b>Chain:</b> A: <b>PDB Molecule:</b> mini-evgl membrane protein; <b>PDBTitle:</b> de novo design of membrane protein--mini-evgl membrane protein, c22212 form-1 <b>PDB header:</b> de novo protein
36	<a href="#">c6mctK</a>	Alignment	not modelled	33.2	33	<b>Chain:</b> K: <b>PDB Molecule:</b> mini-evgl membrane protein; <b>PDBTitle:</b> a designed pentameric membrane protein stabilized by van der waals2 interaction <b>PDB header:</b> de novo protein
37	<a href="#">c6mctM</a>	Alignment	not modelled	33.2	33	<b>Chain:</b> M: <b>PDB Molecule:</b> mini-evgl membrane protein; <b>PDBTitle:</b> a designed pentameric membrane protein stabilized by van der waals2 interaction <b>PDB header:</b> de novo protein
38	<a href="#">c6mctN</a>	Alignment	not modelled	33.2	33	<b>Chain:</b> N: <b>PDB Molecule:</b> mini-evgl membrane protein; <b>PDBTitle:</b> a designed pentameric membrane protein stabilized by van der waals2 interaction <b>PDB header:</b> de novo protein
39	<a href="#">c6mctA</a>	Alignment	not modelled	33.2	33	<b>Chain:</b> A: <b>PDB Molecule:</b> mini-evgl membrane protein; <b>PDBTitle:</b> a designed pentameric membrane protein stabilized by van der waals2 interaction <b>PDB header:</b> de novo protein
40	<a href="#">c6ahqM</a>	Alignment	not modelled	31.8	13	<b>PDB header:</b> motor protein <b>Chain:</b> M: <b>PDB Molecule:</b> flagellar protein fil; <b>PDBTitle:</b> structure of the 40-167 fragment of fil
41	<a href="#">d2c1ia2</a>	Alignment	not modelled	31.8	19	<b>Fold:</b> Peptidoglycan deacetylase N-terminal noncatalytic region <b>Superfamily:</b> Peptidoglycan deacetylase N-terminal noncatalytic region <b>Family:</b> Peptidoglycan deacetylase N-terminal noncatalytic region
42	<a href="#">c2lz3B</a>	Alignment	not modelled	31.0	30	<b>PDB header:</b> membrane protein <b>Chain:</b> B: <b>PDB Molecule:</b> amyloid beta a4 protein; <b>PDBTitle:</b> solution nmr structure of transmembrane domain of amyloid precursor2 protein wt
43	<a href="#">c2lz3A</a>	Alignment	not modelled	31.0	30	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> amyloid beta a4 protein; <b>PDBTitle:</b> solution nmr structure of transmembrane domain of amyloid precursor2 protein wt
44	<a href="#">c4pj0L</a>	Alignment	not modelled	29.5	21	<b>PDB header:</b> oxidoreductase, electron transport <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> structure of t.elongatus photosystem ii, rows of dimers crystal2 packing
45	<a href="#">c4pj0I</a>	Alignment	not modelled	29.5	21	<b>PDB header:</b> oxidoreductase, electron transport <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> structure of t.elongatus photosystem ii, rows of dimers crystal2 packing
46	<a href="#">c2lz4B</a>	Alignment	not modelled	29.1	30	<b>PDB header:</b> membrane protein <b>Chain:</b> B: <b>PDB Molecule:</b> amyloid beta a4 protein; <b>PDBTitle:</b> solution nmr structure of transmembrane domain of amyloid precursor2 protein v44m
47	<a href="#">c2lz4A</a>	Alignment	not modelled	29.1	30	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> amyloid beta a4 protein; <b>PDBTitle:</b> solution nmr structure of transmembrane domain of amyloid precursor2 protein v44m
48	<a href="#">c3wu2L</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> electron transport, photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> crystal structure analysis of photosystem ii complex
49	<a href="#">c4ub8I</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> electron transport, photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> native structure of photosystem ii (dataset-2) by a femtosecond x-ray2 laser
50	<a href="#">c3a0hL</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> electron transport <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> crystal structure of i-substituted photosystem ii complex
51	<a href="#">c5e7cL</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> macromolecular diffractive imaging using imperfect crystals - bragg2 data
52	<a href="#">c4rvyL</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> oxidoreductase <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> serial time resolved crystallography of photosystem ii using a2 femtosecond x-ray laser. the s state after two flashes (s3)
53	<a href="#">c5e7cI</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> macromolecular diffractive imaging using imperfect crystals - bragg2 data
54	<a href="#">c4ixrL</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> rt fs x-ray diffraction of photosystem ii, first illuminated state <b>PDB header:</b> electron transport, photosynthesis

55	<a href="#">c4ub8L_</a>	Alignment	not modelled	28.8	21	<b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> native structure of photosystem ii (dataset-2) by a femtosecond x-ray2 laser
56	<a href="#">c3a0bL_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> electron transport <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> crystal structure of br-substituted photosystem ii complex
57	<a href="#">c3a0hL_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> electron transport <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> crystal structure of i-substituted photosystem ii complex
58	<a href="#">c4rvyl_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> oxidoreductase <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> serial time resolved crystallography of photosystem ii using a2 femtosecond x-ray laser. the s state after two flashes (s3)
59	<a href="#">c3prqL_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> crystal structure of cyanobacterial photosystem ii in complex with2 terbutryn (part 1 of 2). this file contains first monomer of psii3 dimer
60	<a href="#">d2axtl1</a>	Alignment	not modelled	28.8	21	<b>Fold:</b> Single transmembrane helix <b>Superfamily:</b> Photosystem II reaction center protein L, PslL <b>Family:</b> PslL-like
61	<a href="#">c3wu2L_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> electron transport, photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> crystal structure analysis of photosystem ii complex
62	<a href="#">c4ub6L_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> electron transport, photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> native structure of photosystem ii (dataset-1) by a femtosecond x-ray2 laser
63	<a href="#">c3bz2L_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> electron transport <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> crystal structure of cyanobacterial photosystem ii (part 2 of 2). this2 file contains second monomer of psii dimer
64	<a href="#">c4fbyd_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> photosynthesis <b>Chain:</b> D: <b>PDB Molecule:</b> photosystem ii d2 protein; <b>PDBTitle:</b> fs x-ray diffraction of photosystem ii
65	<a href="#">c4tnjl_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> electron transport,photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> rt xfel structure of photosystem ii 500 ms after the 2nd illumination2 (2f) at 4.5 a resolution
66	<a href="#">c3arcL_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> electron transport, photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> crystal structure of oxygen-evolving photosystem ii at 1.9 angstrom2 resolution
67	<a href="#">c2axtl_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> electron transport <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center I protein; <b>PDBTitle:</b> crystal structure of photosystem ii from thermosynechococcus elongatus
68	<a href="#">c3kziL_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> electron transport <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> crystal structure of monomeric form of cyanobacterial photosystem ii
69	<a href="#">c2axtl_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> electron transport <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center I protein; <b>PDBTitle:</b> crystal structure of photosystem ii from thermosynechococcus elongatus
70	<a href="#">c1s5L_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center I protein; <b>PDBTitle:</b> architecture of the photosynthetic oxygen evolving center
71	<a href="#">c4ub6L_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> electron transport, photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> native structure of photosystem ii (dataset-1) by a femtosecond x-ray2 laser
72	<a href="#">c4tnkL_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> electron transport,photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> rt xfel structure of photosystem ii 250 microsec after the third2 illumination at 5.2 a resolution
73	<a href="#">c4tnhl_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> electron transport,photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> rt xfel structure of photosystem ii in the dark state at 4.9 a2 resolution
74	<a href="#">c4tnil_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> electron transport,photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> rt xfel structure of photosystem ii 500 ms after the third2 illumination at 4.6 a resolution
75	<a href="#">c4tnhL_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> electron transport,photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> rt xfel structure of photosystem ii in the dark state at 4.9 a2 resolution
76	<a href="#">c4fbyL_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> fs x-ray diffraction of photosystem ii
77	<a href="#">c4tnkL_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> electron transport,photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> rt xfel structure of photosystem ii 250 microsec after the third2 illumination at 5.2 a resolution
78	<a href="#">c4tnil_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> electron transport,photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> rt xfel structure of photosystem ii 500 ms after the third2 illumination at 4.6 a resolution
79	<a href="#">c4tnjl_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> electron transport,photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> rt xfel structure of photosystem ii 500 ms after the 2nd illumination2 (2f) at 4.5 a resolution
80	<a href="#">c1s5L_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center I protein; <b>PDBTitle:</b> architecture of the photosynthetic oxygen evolving center
						<b>PDB header:</b> electron transport

81	<a href="#">c4il6L_</a>	Alignment	not modelled	28.8	21	<b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> structure of sr-substituted photosystem ii
82	<a href="#">c3bz1L_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> electron transport <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> crystal structure of cyanobacterial photosystem ii (part 1 of 2). this2 file contains first monomer of psii dimer
83	<a href="#">c3a0bl_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> electron transport <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> crystal structure of br-substituted photosystem ii complex
84	<a href="#">c3prrl_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> crystal structure of cyanobacterial photosystem ii in complex with2 terbutryn (part 2 of 2). this file contains second monomer of psii3 dimer
85	<a href="#">c4ixqL_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> rt fs x-ray diffraction of photosystem ii, dark state
86	<a href="#">c4ixqL_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> rt fs x-ray diffraction of photosystem ii, dark state
87	<a href="#">c4ixrl_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> rt fs x-ray diffraction of photosystem ii, first illuminated state
88	<a href="#">c4il6L_</a>	Alignment	not modelled	28.8	21	<b>PDB header:</b> electron transport <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> structure of sr-substituted photosystem ii
89	<a href="#">c2lohA_</a>	Alignment	not modelled	27.1	30	<b>PDB header:</b> neuropeptide <b>Chain:</b> A: <b>PDB Molecule:</b> p3(42); <b>PDBTitle:</b> dimeric structure of transmembrane domain of amyloid precursor protein2 in micellar environment
90	<a href="#">c6nhwE_</a>	Alignment	not modelled	26.7	15	<b>PDB header:</b> immune system <b>Chain:</b> E: <b>PDB Molecule:</b> tumor necrosis factor receptor superfamily member 10b; <b>PDBTitle:</b> structure of the transmembrane domain of the death receptor 5 - dimer2 of trimer
91	<a href="#">c2lx0A_</a>	Alignment	not modelled	25.5	33	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> membrane fusion protein p14; <b>PDBTitle:</b> arced helix (arch) nmr structure of the reovirus p14 fusion-associated2 small transmembrane (fast) protein transmembrane domain (tmd) in3 dodecyl phosphocholine (dpc) micelles
92	<a href="#">c2m59A_</a>	Alignment	not modelled	25.3	11	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> vascular endothelial growth factor receptor 2; <b>PDBTitle:</b> spatial structure of dimeric vegfr2 membrane domain in dpc micelles
93	<a href="#">c2m59B_</a>	Alignment	not modelled	25.3	11	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> vascular endothelial growth factor receptor 2; <b>PDBTitle:</b> spatial structure of dimeric vegfr2 membrane domain in dpc micelles
94	<a href="#">c6nhwA_</a>	Alignment	not modelled	25.1	29	<b>PDB header:</b> immune system <b>Chain:</b> A: <b>PDB Molecule:</b> tumor necrosis factor receptor superfamily member 10b; <b>PDBTitle:</b> structure of the transmembrane domain of the death receptor 5 - dimer2 of trimer
95	<a href="#">c6nhwB_</a>	Alignment	not modelled	25.1	29	<b>PDB header:</b> immune system <b>Chain:</b> B: <b>PDB Molecule:</b> tumor necrosis factor receptor superfamily member 10b; <b>PDBTitle:</b> structure of the transmembrane domain of the death receptor 5 - dimer2 of trimer
96	<a href="#">c6nhwC_</a>	Alignment	not modelled	25.1	29	<b>PDB header:</b> immune system <b>Chain:</b> C: <b>PDB Molecule:</b> tumor necrosis factor receptor superfamily member 10b; <b>PDBTitle:</b> structure of the transmembrane domain of the death receptor 5 - dimer2 of trimer
97	<a href="#">c6hu9e_</a>	Alignment	not modelled	24.9	14	<b>PDB header:</b> oxidoreductase/electron transport <b>Chain:</b> E: <b>PDB Molecule:</b> cytochrome b-c1 complex subunit rieske, mitochondrial; <b>PDBTitle:</b> iii2-iv2 mitochondrial respiratory supercomplex from s. cerevisiae
98	<a href="#">c6g52H_</a>	Alignment	not modelled	23.3	14	<b>PDB header:</b> metal transport <b>Chain:</b> H: <b>PDB Molecule:</b> metal transporter cnm4; <b>PDBTitle:</b> crystal structure of the cnmp binding domain of the magnesium2 transporter cnm4
99	<a href="#">c6iycE_</a>	Alignment	not modelled	22.9	30	<b>PDB header:</b> membrane protein <b>Chain:</b> E: <b>PDB Molecule:</b> amyloid-beta a4 protein; <b>PDBTitle:</b> recognition of the amyloid precursor protein by human gamma-secretase
100	<a href="#">c3arcl_</a>	Alignment	not modelled	22.9	21	<b>PDB header:</b> electron transport, photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> photosystem ii reaction center protein I; <b>PDBTitle:</b> crystal structure of oxygen-evolving photosystem ii at 1.9 angstrom2 resolution
101	<a href="#">c3j00Z_</a>	Alignment	not modelled	22.1	17	<b>PDB header:</b> ribosome/ribosomal protein <b>Chain:</b> Z: <b>PDB Molecule:</b> cell division protein ftsq; <b>PDBTitle:</b> structure of the ribosome-secye complex in the membrane environment
102	<a href="#">c6nhwD_</a>	Alignment	not modelled	22.1	15	<b>PDB header:</b> immune system <b>Chain:</b> D: <b>PDB Molecule:</b> tumor necrosis factor receptor superfamily member 10b; <b>PDBTitle:</b> structure of the transmembrane domain of the death receptor 5 - dimer2 of trimer
103	<a href="#">c6nhwF_</a>	Alignment	not modelled	22.1	15	<b>PDB header:</b> immune system <b>Chain:</b> F: <b>PDB Molecule:</b> tumor necrosis factor receptor superfamily member 10b; <b>PDBTitle:</b> structure of the transmembrane domain of the death receptor 5 - dimer2 of trimer
104	<a href="#">c3kdhH_</a>	Alignment	not modelled	21.8	32	<b>PDB header:</b> hydrolase <b>Chain:</b> H: <b>PDB Molecule:</b> na+/k+ atpase gamma subunit transcript

104	<a href="#">c3kdpG</a>	Alignment	not modelled	21.8	32	variant a; <b>PDBTitle:</b> crystal structure of the sodium-potassium pump <b>PDB header:</b> hydrolase
105	<a href="#">c3kdpG</a>	Alignment	not modelled	21.8	32	<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
106	<a href="#">c3jcul</a>	Alignment	not modelled	21.8	21	<b>PDB header:</b> membrane protein <b>Chain:</b> L; <b>PDB Molecule:</b> protein photosystem ii reaction center protein l; <b>PDBTitle:</b> cryo-em structure of spinach psii-lhcii supercomplex at 3.2 angstrom2 resolution
107	<a href="#">d3ecfa1</a>	Alignment	not modelled	21.6	17	<b>Fold:</b> Cystatin-like <b>Superfamily:</b> NTF2-like <b>Family:</b> Ava4193-like
108	<a href="#">d2f1a1</a>	Alignment	not modelled	21.4	17	<b>Fold:</b> PRC-barrel domain <b>Superfamily:</b> PRC-barrel domain <b>Family:</b> RimM C-terminal domain-like
109	<a href="#">c6nhyC</a>	Alignment	not modelled	21.3	15	<b>PDB header:</b> immune system <b>Chain:</b> C; <b>PDB Molecule:</b> tumor necrosis factor receptor superfamily member 10b; <b>PDBTitle:</b> structure of the transmembrane domain of the death receptor 5 mutant2 (g217y) - trimer only
110	<a href="#">c6nhyA</a>	Alignment	not modelled	21.3	15	<b>PDB header:</b> immune system <b>Chain:</b> A; <b>PDB Molecule:</b> tumor necrosis factor receptor superfamily member 10b; <b>PDBTitle:</b> structure of the transmembrane domain of the death receptor 5 mutant2 (g217y) - trimer only
111	<a href="#">c6nhyB</a>	Alignment	not modelled	21.3	15	<b>PDB header:</b> immune system <b>Chain:</b> B; <b>PDB Molecule:</b> tumor necrosis factor receptor superfamily member 10b; <b>PDBTitle:</b> structure of the transmembrane domain of the death receptor 5 mutant2 (g217y) - trimer only
112	<a href="#">c3j20A</a>	Alignment	not modelled	21.1	7	<b>PDB header:</b> ribosome <b>Chain:</b> A; <b>PDB Molecule:</b> 30s ribosomal protein s3ae; <b>PDBTitle:</b> promiscuous behavior of proteins in archaeal ribosomes revealed by2 cryo-em: implications for evolution of eukaryotic ribosomes (30s3 ribosomal subunit)
113	<a href="#">c6mpwE</a>	Alignment	not modelled	20.9	33	<b>PDB header:</b> de novo protein <b>Chain:</b> E; <b>PDB Molecule:</b> mini-evgl membrane protein; <b>PDBTitle:</b> de novo design of membrane protein--mini-evgl membrane protein, c22212 form-1
114	<a href="#">c6mq2A</a>	Alignment	not modelled	20.9	33	<b>PDB header:</b> de novo protein <b>Chain:</b> A; <b>PDB Molecule:</b> mini-evgl membrane protein; <b>PDBTitle:</b> de novo design of membrane protein--mini-evgl membrane protein, c22212 form-2
115	<a href="#">c6mpwD</a>	Alignment	not modelled	20.9	33	<b>PDB header:</b> de novo protein <b>Chain:</b> D; <b>PDB Molecule:</b> mini-evgl membrane protein; <b>PDBTitle:</b> de novo design of membrane protein--mini-evgl membrane protein, c22212 form-1
116	<a href="#">c6mq2C</a>	Alignment	not modelled	20.9	33	<b>PDB header:</b> de novo protein <b>Chain:</b> C; <b>PDB Molecule:</b> mini-evgl membrane protein; <b>PDBTitle:</b> de novo design of membrane protein--mini-evgl membrane protein, c22212 form-2
117	<a href="#">c6mpwC</a>	Alignment	not modelled	20.9	33	<b>PDB header:</b> de novo protein <b>Chain:</b> C; <b>PDB Molecule:</b> mini-evgl membrane protein; <b>PDBTitle:</b> de novo design of membrane protein--mini-evgl membrane protein, c22212 form-1
118	<a href="#">c6mq2B</a>	Alignment	not modelled	20.9	33	<b>PDB header:</b> de novo protein <b>Chain:</b> B; <b>PDB Molecule:</b> mini-evgl membrane protein; <b>PDBTitle:</b> de novo design of membrane protein--mini-evgl membrane protein, c22212 form-2
119	<a href="#">c6mpwB</a>	Alignment	not modelled	20.9	33	<b>PDB header:</b> de novo protein <b>Chain:</b> B; <b>PDB Molecule:</b> mini-evgl membrane protein; <b>PDBTitle:</b> de novo design of membrane protein--mini-evgl membrane protein, c22212 form-1
120	<a href="#">c6mq2E</a>	Alignment	not modelled	20.9	33	<b>PDB header:</b> de novo protein <b>Chain:</b> E; <b>PDB Molecule:</b> mini-evgl membrane protein; <b>PDBTitle:</b> de novo design of membrane protein--mini-evgl membrane protein, c22212 form-2