










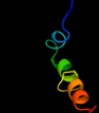
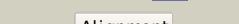










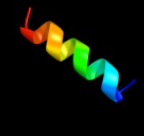

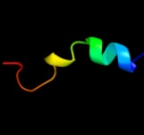



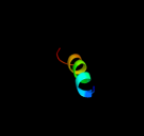



Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1bctA_	 Alignment		47.7	18	PDB header: photoreceptor Chain: A: PDB Molecule: bacteriorhodopsin; PDBTitle: three-dimensional structure of proteolytic fragment 163-2312 of bacterioopsin determined from nuclear magnetic resonance data in solution
2	d2r6gf1	 Alignment		37.0	12	Fold: MalF N-terminal region-like Superfamily: MalF N-terminal region-like Family: MalF N-terminal region-like
3	c2l2tA_	 Alignment		18.8	24	PDB header: membrane protein Chain: A: PDB Molecule: receptor tyrosine-protein kinase erbb-4; PDBTitle: solution nmr structure of the erbb4 dimeric membrane domain
4	dlz21a1	 Alignment		18.2	19	Fold: Type III secretion system domain Superfamily: Type III secretion system domain Family: YopR Core
5	c2i2xO_	 Alignment		16.9	24	PDB header: transferase Chain: O: PDB Molecule: methyltransferase 1; PDBTitle: crystal structure of methanol:cobalamin methyltransferase complex2 mtabc from methanosarcina barkeri
6	d1tm9a_	 Alignment		12.7	32	Fold: Hypothetical protein MG354 Superfamily: Hypothetical protein MG354 Family: Hypothetical protein MG354
7	c3a7kD_	 Alignment		12.7	25	PDB header: membrane protein Chain: D: PDB Molecule: halorhodopsin; PDBTitle: crystal structure of halorhodopsin from natronomonas2 pharaonis
8	d1e12a_	 Alignment		12.2	21	Fold: Family A G protein-coupled receptor-like Superfamily: Family A G protein-coupled receptor-like Family: Bacteriorhodopsin-like
9	c2jagA_	 Alignment		11.8	21	PDB header: membrane protein Chain: A: PDB Molecule: halorhodopsin; PDBTitle: I1-intermediate of halorhodopsin t203v
10	c3ddlB_	 Alignment		11.1	10	PDB header: transport protein Chain: B: PDB Molecule: xanthorhodopsin; PDBTitle: crystallographic structure of xanthorhodopsin, a light-2 driven ion pump with dual chromophore
11	d1uaza_	 Alignment		9.9	24	Fold: Family A G protein-coupled receptor-like Superfamily: Family A G protein-coupled receptor-like Family: Bacteriorhodopsin-like

12	dlvkeb_	Alignment		9.9	19	Fold: AhpD-like Superfamily: AhpD-like Family: CMD-like
13	c3am6C_	Alignment		9.6	27	PDB header: transport protein Chain: C: PDB Molecule: rhodopsin-2; PDBTitle: crystal structure of the proton pumping rhodopsin ar2 from marine alga2 acetabularia acetabulum
14	dlh2sa_	Alignment		9.5	21	Fold: Family A G protein-coupled receptor-like Superfamily: Family A G protein-coupled receptor-like Family: Bacteriorhodopsin-like
15	d2axti1	Alignment		9.3	26	Fold: Single transmembrane helix Superfamily: Photosystem II reaction center protein I, Psbl Family: Psbl-like
16	dlxioa_	Alignment		9.2	25	Fold: Family A G protein-coupled receptor-like Superfamily: Family A G protein-coupled receptor-like Family: Bacteriorhodopsin-like
17	clxioA_	Alignment		9.2	25	PDB header: signaling protein Chain: A: PDB Molecule: anabaena sensory rhodopsin; PDBTitle: anabaena sensory rhodopsin
18	clm0kA_	Alignment		9.1	18	PDB header: ion transport Chain: A: PDB Molecule: bacteriorhodopsin; PDBTitle: bacteriorhodopsin k intermediate at 1.43 a resolution
19	dlm0ka_	Alignment		9.1	18	Fold: Family A G protein-coupled receptor-like Superfamily: Family A G protein-coupled receptor-like Family: Bacteriorhodopsin-like
20	c3qngD_	Alignment		8.7	16	PDB header: membrane protein, transport protein Chain: D: PDB Molecule: pts system, cellobiose-specific iic component; PDBTitle: crystal structure of the transporter chbc, the iic component from the 2 n,n'-diacetylchitobiose-specific phosphotransferase system
21	c2qtyB_	Alignment	not modelled	8.3	24	PDB header: hydrolase Chain: B: PDB Molecule: poly(adp-ribose) glycohydrolase arh3; PDBTitle: crystal structure of mouse adp-ribosylhydrolase 3 (marh3)
22	dlc8sa_	Alignment	not modelled	8.1	18	Fold: Family A G protein-coupled receptor-like Superfamily: Family A G protein-coupled receptor-like Family: Bacteriorhodopsin-like
23	dlxmeb2	Alignment	not modelled	7.2	36	Fold: Transmembrane helix hairpin Superfamily: Cytochrome c oxidase subunit II-like, transmembrane region Family: Cytochrome c oxidase subunit II-like, transmembrane region
24	c2obuA_	Alignment	not modelled	7.1	19	PDB header: hormone/growth factor Chain: A: PDB Molecule: gastric inhibitory polypeptide; PDBTitle: solution structure of gip in tfe/water
25	c3dadA_	Alignment	not modelled	6.5	21	PDB header: signaling protein Chain: A: PDB Molecule: fh1/fh2 domain-containing protein 1; PDBTitle: crystal structure of the n-terminal regulatory domains of 2 the formin rhod1
26	dlbl0a2	Alignment	not modelled	6.1	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: AraC type transcriptional activator
27	c3ia8A_	Alignment	not modelled	5.8	40	PDB header: metal binding protein Chain: A: PDB Molecule: thap domain-containing protein 4; PDBTitle: the structure of the c-terminal heme nitrobindin domain of thap2 domain-containing protein 4 from homo sapiens
28	c3iz6T_	Alignment	not modelled	5.4	71	PDB header: ribosome Chain: T: PDB Molecule: 40s ribosomal protein s21 (s21e); PDBTitle: localization of the small subunit ribosomal proteins into a 5.5 a2 cryo-em map of triticum aestivum translating 80s ribosome