
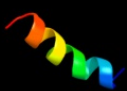

















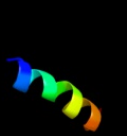










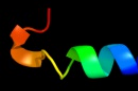


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1bctA_	 Alignment		45.3	18	PDB header: photoreceptor Chain: A: PDB Molecule: bacteriorhodopsin; PDBTitle: three-dimensional structure of proteolytic fragment 163-2312 of bacterioopsin determined from nuclear magnetic resonance data in solution
2	d2r6gf1	 Alignment		37.8	10	Fold: MalF N-terminal region-like Superfamily: MalF N-terminal region-like Family: MalF N-terminal region-like
3	c3qngD_	 Alignment		19.5	18	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
4	c2i2xO_	 Alignment		17.3	21	PDB header: transferase Chain: O: PDB Molecule: methyltransferase 1; PDBTitle: crystal structure of methanol:cobalamin methyltransferase complex 2 mtabc from methanosarcina barkeri
5	dlz21a1	 Alignment		17.3	25	Fold: Type III secretion system domain Superfamily: Type III secretion system domain Family: YopR Core
6	c2l2tA_	 Alignment		13.6	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
7	d1tm9a_	 Alignment		13.5	38	Fold: Hypothetical protein MG354 Superfamily: Hypothetical protein MG354 Family: Hypothetical protein MG354
8	d2axti1	 Alignment		11.6	33	Fold: Single transmembrane helix Superfamily: Photosystem II reaction center protein I, Psbl Family: Psbl-like
9	d1e12a_	 Alignment		10.5	29	Fold: Family A G protein-coupled receptor-like Superfamily: Family A G protein-coupled receptor-like Family: Bacteriorhodopsin-like
10	c3a7kD_	 Alignment		9.8	29	PDB header: membrane protein Chain: D: PDB Molecule: halorhodopsin; PDBTitle: crystal structure of halorhodopsin from natronomonas 2 pharaonis
11	c2qtyB_	 Alignment		9.6	23	PDB header: hydrolase Chain: B: PDB Molecule: poly(adp-ribose) glycohydrolase arh3; PDBTitle: crystal structure of mouse adp-ribosylhydrolase 3 (marh3)

12	c3ddlB_	Alignment		9.4	10	PDB header: transport protein Chain: B: PDB Molecule: xanthorhodopsin; PDBTitle: crystallographic structure of xanthorhodopsin, a light-2 driven ion pump with dual chromophore
13	c2jagA_	Alignment		9.1	27	PDB header: membrane protein Chain: A: PDB Molecule: halorhodopsin; PDBTitle: I1-intermediate of halorhodopsin t203v
14	dlvkeb_	Alignment		8.7	22	Fold: AhpD-like Superfamily: AhpD-like Family: CMD-like
15	dluaza_	Alignment		8.5	18	Fold: Family A G protein-coupled receptor-like Superfamily: Family A G protein-coupled receptor-like Family: Bacteriorhodopsin-like
16	c3am6C_	Alignment		8.3	20	PDB header: transport protein Chain: C: PDB Molecule: rhodopsin-2; PDBTitle: crystal structure of the proton pumping rhodopsin ar2 from marine alga2 acetabularia acetabulum
17	dlh2sa_	Alignment		8.3	21	Fold: Family A G protein-coupled receptor-like Superfamily: Family A G protein-coupled receptor-like Family: Bacteriorhodopsin-like
18	c1m0kA_	Alignment		7.9	18	PDB header: ion transport Chain: A: PDB Molecule: bacteriorhodopsin; PDBTitle: bacteriorhodopsin k intermediate at 1.43 a resolution
19	dlm0ka_	Alignment		7.9	18	Fold: Family A G protein-coupled receptor-like Superfamily: Family A G protein-coupled receptor-like Family: Bacteriorhodopsin-like
20	c2obuA_	Alignment		7.8	25	PDB header: hormone/growth factor Chain: A: PDB Molecule: gastric inhibitory polypeptide; PDBTitle: solution structure of gip in tfe/water
21	clxioA_	Alignment	not modelled	7.7	19	PDB header: signaling protein Chain: A: PDB Molecule: anabaena sensory rhodopsin; PDBTitle: anabaena sensory rhodopsin
22	dlxioa_	Alignment	not modelled	7.7	19	Fold: Family A G protein-coupled receptor-like Superfamily: Family A G protein-coupled receptor-like Family: Bacteriorhodopsin-like
23	dlxmeb2	Alignment	not modelled	7.6	36	Fold: Transmembrane helix hairpin Superfamily: Cytochrome c oxidase subunit II-like, transmembrane region Family: Cytochrome c oxidase subunit II-like, transmembrane region
24	dlc8sa_	Alignment	not modelled	7.1	18	Fold: Family A G protein-coupled receptor-like Superfamily: Family A G protein-coupled receptor-like Family: Bacteriorhodopsin-like
25	c3ia8A_	Alignment	not modelled	5.7	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
26	dlbl0a2	Alignment	not modelled	5.6	22	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: AraC type transcriptional activator
27	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
28	c3dadA_	Alignment	not modelled	5.2	21	PDB header: signaling protein Chain: A: PDB Molecule: fh1/fh2 domain-containing protein 1; PDBTitle: crystal structure of the n-terminal regulatory domains of2 the formin fhod1