


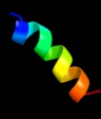
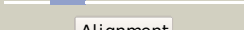

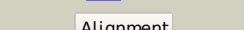


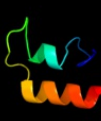




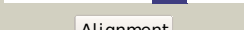

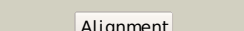
















#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2r6gf1	 Alignment		51.6	20	Fold: MalF N-terminal region-like Superfamily: MalF N-terminal region-like Family: MalF N-terminal region-like
2	c1bctA_	 Alignment		41.1	25	PDB header: photoreceptor Chain: A: PDB Molecule: bacteriorhodopsin; PDBTitle: three-dimensional structure of proteolytic fragment 163-2312 of bacterioopsin determined from nuclear magnetic resonance data in solution
3	d1tm9a_	 Alignment		22.9	27	Fold: Hypothetical protein MG354 Superfamily: Hypothetical protein MG354 Family: Hypothetical protein MG354
4	d1z21a1	 Alignment		18.4	6	Fold: Type III secretion system domain Superfamily: Type III secretion system domain Family: YopR Core
5	c2i2xO_	 Alignment		18.3	15	PDB header: transferase Chain: O: PDB Molecule: methyltransferase 1; PDBTitle: crystal structure of methanol:cobalamin methyltransferase complex2 mtabc from methanosarcina barkeri
6	c1bl0A_	 Alignment		11.0	9	PDB header: transcription/dna Chain: A: PDB Molecule: protein (multiple antibiotic resistance protein); PDBTitle: multiple antibiotic resistance protein (mara)/dna complex
7	c3ddlB_	 Alignment		10.4	21	PDB header: transport protein Chain: B: PDB Molecule: xanthorhodopsin; PDBTitle: crystallographic structure of xanthorhodopsin, a light-2 driven ion pump with dual chromophore
8	d1e12a_	 Alignment		9.0	36	Fold: Family A G protein-coupled receptor-like Superfamily: Family A G protein-coupled receptor-like Family: Bacteriorhodopsin-like
9	c30ouA_	 Alignment		8.8	7	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: lin2118 protein; PDBTitle: the structure of a protein with unkown function from listeria innocua
10	c2jagA_	 Alignment		8.6	36	PDB header: membrane protein Chain: A: PDB Molecule: halorhodopsin; PDBTitle: I1-intermediate of halorhodopsin t203v
11	d3cx5d2	 Alignment		8.4	19	Fold: Single transmembrane helix Superfamily: Cytochrome c1 subunit of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase), transmembrane anchor Family: Cytochrome c1 subunit of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase), transmembrane anchor

12	c3a7kD_	Alignment		8.3	38	PDB header: membrane protein Chain: D: PDB Molecule: halorhodopsin; PDBTitle: crystal structure of halorhodopsin from natronomonas2 pharaonis
13	d1uaza_	Alignment		7.6	31	Fold: Family A G protein-coupled receptor-like Superfamily: Family A G protein-coupled receptor-like Family: Bacteriorhodopsin-like
14	d1xmeb2	Alignment		7.2	82	Fold: Transmembrane helix hairpin Superfamily: Cytochrome c oxidase subunit II-like, transmembrane region Family: Cytochrome c oxidase subunit II-like, transmembrane region
15	c2l2tA_	Alignment		7.1	28	PDB header: membrane protein Chain: A: PDB Molecule: receptor tyrosine-protein kinase erbb-4; PDBTitle: solution nmr structure of the erbb4 dimeric membrane domain
16	d1ppjd2	Alignment		7.1	16	Fold: Single transmembrane helix Superfamily: Cytochrome c1 subunit of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase), transmembrane anchor Family: Cytochrome c1 subunit of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase), transmembrane anchor
17	c1m0ka_	Alignment		6.9	25	PDB header: ion transport Chain: A: PDB Molecule: bacteriorhodopsin; PDBTitle: bacteriorhodopsin k intermediate at 1.43 a resolution
18	d1m0ka_	Alignment		6.9	25	Fold: Family A G protein-coupled receptor-like Superfamily: Family A G protein-coupled receptor-like Family: Bacteriorhodopsin-like
19	c3am6C_	Alignment		6.9	33	PDB header: transport protein Chain: C: PDB Molecule: rhodopsin-2; PDBTitle: crystal structure of the proton pumping rhodopsin ar2 from marine alga2 acetabularia acetabulum
20	d1h2sa_	Alignment		6.8	29	Fold: Family A G protein-coupled receptor-like Superfamily: Family A G protein-coupled receptor-like Family: Bacteriorhodopsin-like
21	c3iz6T_	Alignment	not modelled	6.7	19	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
22	c3dadA_	Alignment	not modelled	6.4	18	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
23	c2obuA_	Alignment	not modelled	6.4	19	PDB header: hormone/growth factor Chain: A: PDB Molecule: gastric inhibitory polypeptide; PDBTitle: solution structure of gip in tfe/water
24	c1xioA_	Alignment	not modelled	6.1	38	PDB header: signaling protein Chain: A: PDB Molecule: anabaena sensory rhodopsin; PDBTitle: anabaena sensory rhodopsin
25	d1xioa_	Alignment	not modelled	6.1	38	Fold: Family A G protein-coupled receptor-like Superfamily: Family A G protein-coupled receptor-like Family: Bacteriorhodopsin-like
26	d1c8sa_	Alignment	not modelled	5.9	25	Fold: Family A G protein-coupled receptor-like Superfamily: Family A G protein-coupled receptor-like Family: Bacteriorhodopsin-like