



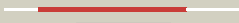




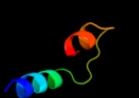











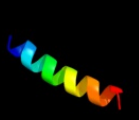





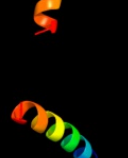


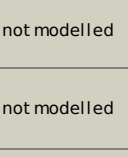


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3giaA_	 Alignment		99.8	13	PDB header: transport protein Chain: A: PDB Molecule: uncharacterized protein mj0609; PDBTitle: crystal structure of apct transporter
2	c3lrcC_	 Alignment		99.5	13	PDB header: transport protein Chain: C: PDB Molecule: arginine/agmatine antiporter; PDBTitle: structure of e. coli adic (p1)
3	c2jlnA_	 Alignment		99.1	11	PDB header: membrane protein Chain: A: PDB Molecule: mhp1; PDBTitle: structure of mhp1, a nucleobase-cation-symport-1 family2 transporter
4	c2h3oA_	 Alignment		36.4	25	PDB header: membrane protein Chain: A: PDB Molecule: merf; PDBTitle: structure of merft, a membrane protein with two trans-2 membrane helices
5	c1wazA_	 Alignment		31.5	25	PDB header: transport protein Chain: A: PDB Molecule: merf; PDBTitle: nmr structure determination of the bacterial mercury2 transporter, merf, in micelles
6	d2h8pc1	 Alignment		22.8	16	Fold: Voltage-gated potassium channels Superfamily: Voltage-gated potassium channels Family: Voltage-gated potassium channels
7	c2l2tA_	 Alignment		17.9	34	PDB header: membrane protein Chain: A: PDB Molecule: receptor tyrosine-protein kinase erbb-4; PDBTitle: solution nmr structure of the erbb4 dimeric membrane domain
8	c2zt9H_	 Alignment		14.1	30	PDB header: photosynthesis Chain: H: PDB Molecule: cytochrome b6-f complex subunit 8; PDBTitle: crystal structure of the cytochrome b6f complex from nostoc sp. pcc2 7120
9	dlgsma1	 Alignment		11.8	32	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: I set domains
10	dlpe4a_	 Alignment		11.8	60	Fold: Knottins (small inhibitors, toxins, lectins) Superfamily: Scorpion toxin-like Family: Long-chain scorpion toxins
11	d2e74h1	 Alignment		11.5	30	Fold: Single transmembrane helix Superfamily: PetN subunit of the cytochrome b6f complex Family: PetN subunit of the cytochrome b6f complex

12	c1vf5U_	Alignment		11.5	30	PDB header: photosynthesis Chain: U: PDB Molecule: protein pet n; PDBTitle: crystal structure of cytochrome b6f complex from m.lamosus
13	c1vf5H_	Alignment		11.5	30	PDB header: photosynthesis Chain: H: PDB Molecule: protein pet n; PDBTitle: crystal structure of cytochrome b6f complex from m.lamosus
14	c2d2cH_	Alignment		11.5	30	PDB header: photosynthesis Chain: H: PDB Molecule: cytochrome b6-f complex subunit viii; PDBTitle: crystal structure of cytochrome b6f complex with dbmib from2 m. lamosus
15	c2d2cU_	Alignment		11.5	30	PDB header: photosynthesis Chain: U: PDB Molecule: cytochrome b6-f complex subunit viii; PDBTitle: crystal structure of cytochrome b6f complex with dbmib from2 m. lamosus
16	c2e75H_	Alignment		10.6	30	PDB header: photosynthesis Chain: H: PDB Molecule: cytochrome b6-f complex subunit 8; PDBTitle: crystal structure of the cytochrome b6f complex with 2-nonyl-4-2 hydroxyquinoline n-oxide (nqno) from m.lamosus
17	c2e76H_	Alignment		10.6	30	PDB header: photosynthesis Chain: H: PDB Molecule: cytochrome b6-f complex subunit 8; PDBTitle: crystal structure of the cytochrome b6f complex with tridecyl-2 stigmatellin (tds) from m.lamosus
18	c2e74H_	Alignment		10.6	30	PDB header: photosynthesis Chain: H: PDB Molecule: cytochrome b6-f complex subunit 8; PDBTitle: crystal structure of the cytochrome b6f complex from m.lamosus
19	c2kn8A_	Alignment		9.1	30	PDB header: protein binding, dna binding protein Chain: A: PDB Molecule: dna cleavage and packaging protein large subunit, ul89; PDBTitle: nmr structure of the c-terminal domain of pul89
20	c3iefA_	Alignment		7.3	31	PDB header: transferase, rna binding protein Chain: A: PDB Molecule: trna (guanine-n(1)-)-methyltransferase; PDBTitle: crystal structure of trna guanine-n1-methyltransferase from2 bartonella henselae using mpcs.
21	d1p9pa_	Alignment	not modelled	7.0	25	Fold: alpha/beta knot Superfamily: alpha/beta knot Family: tRNA(m1G37)-methyltransferase TrmD
22	c2l35A_	Alignment	not modelled	6.9	24	PDB header: protein binding Chain: A: PDB Molecule: dap12-nkg2c tm; PDBTitle: structure of the dap12-nkg2c transmembrane heterotrimer
23	d1qaza_	Alignment	not modelled	6.7	6	Fold: alpha/alpha toroid Superfamily: Chondroitin AC/alginate lyase Family: Alginate lyase A1-III
24	c1oy5B_	Alignment	not modelled	6.7	25	PDB header: transferase Chain: B: PDB Molecule: trna (guanine-n(1)-)-methyltransferase; PDBTitle: crystal structure of trna (m1g37) methyltransferase from aquifex2 aeolicus
25	d1oy5a_	Alignment	not modelled	6.7	25	Fold: alpha/beta knot Superfamily: alpha/beta knot Family: tRNA(m1G37)-methyltransferase TrmD
26	d1bf2a1	Alignment	not modelled	6.4	28	Fold: Immunoglobulin-like beta-sandwich Superfamily: E set domains Family: E-set domains of sugar-utilizing enzymes
27	c3quvB_	Alignment	not modelled	6.4	25	PDB header: transferase Chain: B: PDB Molecule: trna (guanine-n(1)-)-methyltransferase; PDBTitle: crystal structure of a trna-guanine-n1-methyltransferase from2 mycobacterium abscessus
28	d1uala_	Alignment	not modelled	6.4	38	Fold: alpha/beta knot Superfamily: alpha/beta knot Family: tRNA(m1G37)-methyltransferase TrmD
						PDB header: transferase Chain: A: PDB Molecule: trna (guanine-n(1)-)-methyltransferase;

29	c3ky7A_	Alignment	not modelled	6.3	44	PDBTitle: 2.35 angstrom resolution crystal structure of a putative trna2 (guanine-7-)-methyltransferase (trmd) from staphylococcus aureus3 subsp. aureus mrsa252
30	d2axtz1	Alignment	not modelled	6.2	28	Fold: Transmembrane helix hairpin Superfamily: PsbZ-like Family: PsbZ-like
31	d1oz2a3	Alignment	not modelled	6.1	12	Fold: SH3-like barrel Superfamily: Tudor/PWWP/MBT Family: MBT repeat
32	c2xq2A_	Alignment	not modelled	5.8	14	PDB header: transport protein Chain: A: PDB Molecule: sodium/glucose cotransporter; PDBTitle: structure of the k294a mutant of vsplt
33	c3knuD_	Alignment	not modelled	5.5	19	PDB header: transferase Chain: D: PDB Molecule: trna (guanine-n(1)-)-methyltransferase; PDBTitle: crystal structure of trna (guanine-n1)-methyltransferase from2 anaplasma phagocytophilum
34	c1nyjC_	Alignment	not modelled	5.5	40	PDB header: viral protein Chain: C: PDB Molecule: matrix protein m2; PDBTitle: the closed state structure of m2 protein h+ channel by2 solid state nmr spectroscopy
35	c1nyjB_	Alignment	not modelled	5.5	40	PDB header: viral protein Chain: B: PDB Molecule: matrix protein m2; PDBTitle: the closed state structure of m2 protein h+ channel by2 solid state nmr spectroscopy
36	c2kqtC_	Alignment	not modelled	5.5	40	PDB header: transport protein Chain: C: PDB Molecule: m2 protein; PDBTitle: solid-state nmr structure of the m2 transmembrane peptide of the2 influenza a virus in dmPC lipid bilayers bound to deuterated3 amantadine
37	c2kqtA_	Alignment	not modelled	5.5	40	PDB header: transport protein Chain: A: PDB Molecule: m2 protein; PDBTitle: solid-state nmr structure of the m2 transmembrane peptide of the2 influenza a virus in dmPC lipid bilayers bound to deuterated3 amantadine
38	c2kqtB_	Alignment	not modelled	5.5	40	PDB header: transport protein Chain: B: PDB Molecule: m2 protein; PDBTitle: solid-state nmr structure of the m2 transmembrane peptide of the2 influenza a virus in dmPC lipid bilayers bound to deuterated3 amantadine
39	c1nyjD_	Alignment	not modelled	5.5	40	PDB header: viral protein Chain: D: PDB Molecule: matrix protein m2; PDBTitle: the closed state structure of m2 protein h+ channel by2 solid state nmr spectroscopy
40	c2kqtD_	Alignment	not modelled	5.5	40	PDB header: transport protein Chain: D: PDB Molecule: m2 protein; PDBTitle: solid-state nmr structure of the m2 transmembrane peptide of the2 influenza a virus in dmPC lipid bilayers bound to deuterated3 amantadine
41	c1nyjA_	Alignment	not modelled	5.5	40	PDB header: viral protein Chain: A: PDB Molecule: matrix protein m2; PDBTitle: the closed state structure of m2 protein h+ channel by2 solid state nmr spectroscopy
42	c1mp6A_	Alignment	not modelled	5.5	40	PDB header: membrane protein Chain: A: PDB Molecule: matrix protein m2; PDBTitle: structure of the transmembrane region of the m2 protein h+2 channel by solid state nmr spectroscopy
43	c3c66B_	Alignment	not modelled	5.4	18	PDB header: transferase Chain: B: PDB Molecule: poly(a) polymerase; PDBTitle: yeast poly(a) polymerase in complex with fip1 residues 80-105
44	d1moua_	Alignment	not modelled	5.1	13	Fold: GFP-like Superfamily: GFP-like Family: Fluorescent proteins