


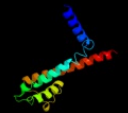

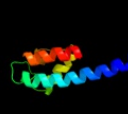



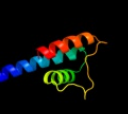


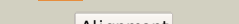

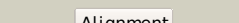

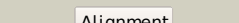



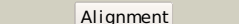

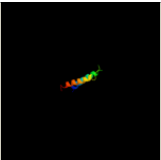


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3pjzA_	 Alignment		100.0	69	PDB header: transport protein Chain: A: PDB Molecule: potassium uptake protein trkh; PDBTitle: crystal structure of the potassium transporter trkh from vibrio2 parahaemolyticus
2	d1f6ga_	 Alignment		94.2	17	Fold: Voltage-gated potassium channels Superfamily: Voltage-gated potassium channels Family: Voltage-gated potassium channels
3	d2a9ha1	 Alignment		93.5	21	Fold: Voltage-gated potassium channels Superfamily: Voltage-gated potassium channels Family: Voltage-gated potassium channels
4	d1r3jc_	 Alignment		92.4	21	Fold: Voltage-gated potassium channels Superfamily: Voltage-gated potassium channels Family: Voltage-gated potassium channels
5	c3e8gB_	 Alignment		92.3	20	PDB header: membrane protein Chain: B: PDB Molecule: potassium channel protein; PDBTitle: crystal structure of the the open nak channel-na+/ca2+ complex
6	c1p7bB_	 Alignment		89.9	15	PDB header: metal transport Chain: B: PDB Molecule: integral membrane channel and cytosolic domains; PDBTitle: crystal structure of an inward rectifier potassium channel
7	c2qksA_	 Alignment		85.1	16	PDB header: metal transport Chain: A: PDB Molecule: kir3.1-prokaryotic kir channel chimera; PDBTitle: crystal structure of a kir3.1-prokaryotic kir channel chimera
8	c1xl6B_	 Alignment		84.2	19	PDB header: metal transport Chain: B: PDB Molecule: inward rectifier potassium channel; PDBTitle: intermediate gating structure 2 of the inwardly rectifying k+ channel2 kirbac3.1
9	c3jycA_	 Alignment		79.4	19	PDB header: metal transport Chain: A: PDB Molecule: inward-rectifier k+ channel kir2.2; PDBTitle: crystal structure of the eukaryotic strong inward-rectifier2 k+ channel kir2.2 at 3.1 angstrom resolution
10	c2r9rH_	 Alignment		79.0	16	PDB header: membrane protein, transport protein Chain: H: PDB Molecule: paddle chimera voltage gated potassium channel kv1.2-kv2.1; PDBTitle: shaker family voltage dependent potassium channel (kv1.2-kv2.1 paddle2 chimera channel) in association with beta subunit
11	d2h8pc1	 Alignment		75.6	25	Fold: Voltage-gated potassium channels Superfamily: Voltage-gated potassium channels Family: Voltage-gated potassium channels

12	c2kb1A_	Alignment		74.4	18	PDB header: membrane protein Chain: A: PDB Molecule: wsk3; PDBTitle: nmr studies of a channel protein without membrane:2 structure and dynamics of water-solubilized kcsa
13	c3behA_	Alignment		73.5	18	PDB header: membrane protein Chain: A: PDB Molecule: ml13241 protein; PDBTitle: structure of a bacterial cyclic nucleotide regulated ion channel
14	c1lnqC_	Alignment		65.2	12	PDB header: metal transport Chain: C: PDB Molecule: potassium channel related protein; PDBTitle: crystal structure of mthk at 3.3 a
15	d1p7ba2	Alignment		61.5	16	Fold: Voltage-gated potassium channels Superfamily: Voltage-gated potassium channels Family: Voltage-gated potassium channels
16	c3lfxB_	Alignment		59.7	16	PDB header: membrane protein Chain: B: PDB Molecule: voltage-gated potassium channel; PDBTitle: crystal structure of the spin-labeled kcsa mutant v48r1
17	d1xl4a2	Alignment		52.7	19	Fold: Voltage-gated potassium channels Superfamily: Voltage-gated potassium channels Family: Voltage-gated potassium channels
18	d1lnqa2	Alignment		52.3	19	Fold: Voltage-gated potassium channels Superfamily: Voltage-gated potassium channels Family: Voltage-gated potassium channels

19	c2bbjB_	Alignment		16.1	14	PDB header: metal transport/membrane protein Chain: B: PDB Molecule: divalent cation transport-related protein; PDBTitle: crystal structure of the cora mg2+ transporter
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