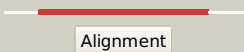

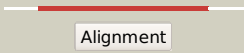



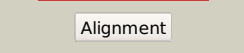



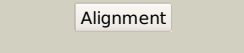

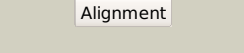


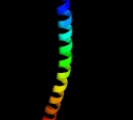
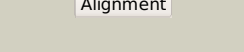
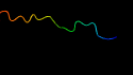
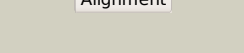
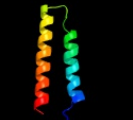
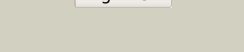

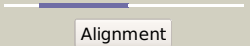





Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD1457c_(-)_1642543_1643328
Date	Fri Aug 2 13:30:03 BST 2019
Unique Job ID	fda20574f1b046ef

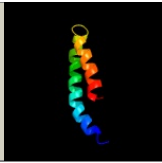
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c6an7D_	 Alignment		100.0	11	PDB header: transport protein Chain: D; PDB Molecule: transport permease protein; PDBTitle: crystal structure of o-antigen polysaccharide abc-transporter
2	c6an7C_	 Alignment		100.0	11	PDB header: transport protein Chain: C; PDB Molecule: transport permease protein; PDBTitle: crystal structure of o-antigen polysaccharide abc-transporter
3	c5nj3B_	 Alignment		99.9	16	PDB header: transport protein Chain: B; PDB Molecule: atp-binding cassette sub-family g member 2; PDBTitle: structure of an abc transporter: complete structure
4	c5do7B_	 Alignment		99.9	13	PDB header: transport protein Chain: B; PDB Molecule: atp-binding cassette sub-family g member 8; PDBTitle: crystal structure of the human sterol transporter abcg5/abcg8
5	c5do7A_	 Alignment		99.9	13	PDB header: transport protein Chain: A; PDB Molecule: atp-binding cassette sub-family g member 5; PDBTitle: crystal structure of the human sterol transporter abcg5/abcg8
6	c5njgB_	 Alignment		99.9	15	PDB header: transport protein Chain: B; PDB Molecule: atp-binding cassette sub-family g member 2; PDBTitle: structure of an abc transporter: part of the structure that could be2 built de novo
7	c5xjvA_	 Alignment		98.4	10	PDB header: transport protein Chain: A; PDB Molecule: atp-binding cassette sub-family a member 1; PDBTitle: cryo-em structure of human abca1
8	c1iflA_	 Alignment		61.7	23	PDB header: virus Chain: A; PDB Molecule: inovirus; PDBTitle: molecular models and structural comparisons of native and2 mutant class i filamentous bacteriophages ff (fd, f1, m13),3 if1 and ike
9	c2jraB_	 Alignment		17.9	14	PDB header: structural genomics, unknown function Chain: B; PDB Molecule: protein rpa2121; PDBTitle: a novel domain-swapped solution nmr structure of protein rpa2121 from2 rhodopseudomonas palustris. northeast structural genomics target rpt6
10	c2llyA_	 Alignment		15.6	21	PDB header: transport protein Chain: A; PDB Molecule: neuronal acetylcholine receptor subunit alpha-4; PDBTitle: nmr structures of the transmembrane domains of the nachr a4 subunit
11	c6d6tE_	 Alignment		13.5	19	PDB header: transport protein Chain: E; PDB Molecule: human gaba-a receptor subunit gamma-2; PDBTitle: human gaba-a receptor alpha1-beta2-gamma2 subtype in complex with gaba2 and flumazenil, conformation b

12	c3jadC_  Alignment		10.0	20 PDB header: signaling protein/antagonist Chain: C: PDB Molecule: glycine receptor subunit alphaz1; PDBTitle: structure of alpha-1 glycine receptor by single particle electron2 cryo-microscopy, strychnine-bound state
13	c3riaC_  Alignment		6.1	14 PDB header: transport protein/immune system Chain: C: PDB Molecule: avermectin-sensitive glutamate-gated chloride channel glucl PDBTitle: c. elegans glutamate-gated chloride channel (glucl) in complex with2 fab, ivermectin and iodide.

14 [c2m6iC_](#)

Alignment



6.1

21

PDB header:membrane protein

Chain: C: **PDB Molecule:**full-length transmembrane domains of human glycine receptor

PDBTitle: putative pentameric open-channel structure of full-length2 transmembrane domains of human glycine receptor alpha1 subunit