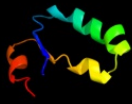
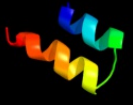
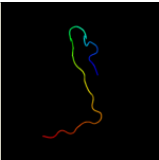


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3bjvA_	 Alignment		100.0	43	PDB header: transferase Chain: A: PDB Molecule: rmpa; PDBTitle: the crystal structure of a putative pts iia(ptxa) from streptococcus2 mutans
2	c2oqtD_	 Alignment		100.0	42	PDB header: transferase Chain: D: PDB Molecule: hypothetical protein spy0176; PDBTitle: structural genomics, the crystal structure of a putative2 pts iia domain from streptococcus pyogenes m1 gas
3	c3oxpB_	 Alignment		100.0	36	PDB header: transferase Chain: B: PDB Molecule: phosphotransferase enzyme ii, a component; PDBTitle: structure of phosphotransferase enzyme ii, a component from yersinia2 pestis co92 at 1.2 a resolution
4	c3oxpA_	 Alignment		100.0	36	PDB header: transferase Chain: A: PDB Molecule: phosphotransferase enzyme ii, a component; PDBTitle: structure of phosphotransferase enzyme ii, a component from yersinia2 pestis co92 at 1.2 a resolution
5	c2oq3A_	 Alignment		100.0	36	PDB header: transferase Chain: A: PDB Molecule: mannitol-specific cryptic phosphotransferase PDBTitle: solution structure of the mannitol- specific cryptic2 phosphotransferase enzyme iia cmtb from escherichia coli
6	c3urrB_	 Alignment		100.0	18	PDB header: transferase Chain: B: PDB Molecule: pts iia-like nitrogen-regulatory protein ptsn; PDBTitle: structure of pts iia-like nitrogen-regulatory protein ptsn (bth_i0484)2 (ptsn)
7	d1a6ja_	 Alignment		100.0	24	Fold: Phoshotransferase/anion transport protein Superfamily: Phoshotransferase/anion transport protein Family: IIA domain of mannitol-specific and ntr phosphotransferase EII
8	d1a3aa_	 Alignment		100.0	31	Fold: Phoshotransferase/anion transport protein Superfamily: Phoshotransferase/anion transport protein Family: IIA domain of mannitol-specific and ntr phosphotransferase EII
9	c2a0iA_	 Alignment		100.0	17	PDB header: transferase Chain: A: PDB Molecule: pts system, nitrogen regulatory iia protein; PDBTitle: crystal structure of nitrogen regulatory protein iia-ntr from2 neisseria meningitidis
10	d1xiza_	 Alignment		100.0	18	Fold: Phoshotransferase/anion transport protein Superfamily: Phoshotransferase/anion transport protein Family: IIA domain of mannitol-specific and ntr phosphotransferase EII
11	d1hynp_	 Alignment		97.6	13	Fold: Phoshotransferase/anion transport protein Superfamily: Phoshotransferase/anion transport protein Family: Anion transport protein, cytoplasmic domain

12	c1hynQ_	Alignment		97.5	15	PDB header: membrane protein Chain: Q: PDB Molecule: band 3 anion transport protein; PDBTitle: crystal structure of the cytoplasmic domain of human2 erythrocyte band-3 protein
13	d1k4na_	Alignment		11.4	14	Fold: Glyoxalase/Bleomycin resistance protein/Dihydroxybiphenyl dioxygenase Superfamily: Glyoxalase/Bleomycin resistance protein/Dihydroxybiphenyl dioxygenase Family: Hypothetical protein YecM (EC4020)
14	c2xvsA_	Alignment		10.6	25	PDB header: antitumor protein Chain: A: PDB Molecule: tetratricopeptide repeat protein 5; PDBTitle: crystal structure of human ttc5 (strap) c-terminal ob2 domain
15	d1gtda_	Alignment		7.8	13	Fold: PurS-like Superfamily: PurS-like Family: PurS subunit of FGAM synthetase
16	d2cs7a1	Alignment		6.7	24	Fold: IL8-like Superfamily: PhtA domain-like Family: PhtA domain-like
17	d1ydha_	Alignment		6.3	8	Fold: MCP/YpsA-like Superfamily: MCP/YpsA-like Family: MoCo carrier protein-like
18	c3b0vD_	Alignment		6.1	13	PDB header: oxidoreductase/rna Chain: D: PDB Molecule: trna-dihydrouridine synthase; PDBTitle: trna-dihydrouridine synthase from thermus thermophilus in complex with2 trna

19 [c2hntE](#)

Alignment



5.3

29

PDB header:serine protease
Chain: E: **PDB Molecule:**gamma-thrombin;
PDBTitle: crystallographic structure of human gamma-thrombin