Phyre2

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Description	P45422
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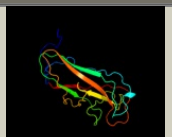
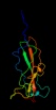
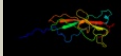
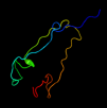
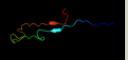
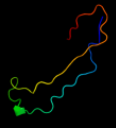
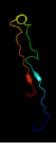
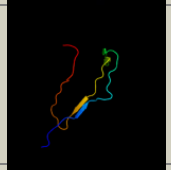
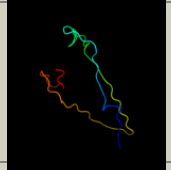
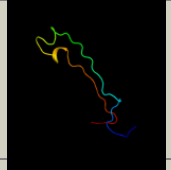
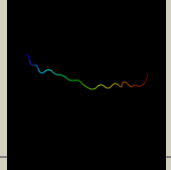
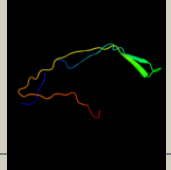
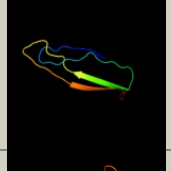
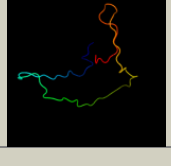
Unique Job ID	be080ef0cf38f004

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2jtyA_	Alignment		97.8	15	**PDB header:**structural protein **Chain:** A: **PDB Molecule:**type-1 fimbrial protein, a chain; **PDBTitle:** self-complemented variant of fima, the main subunit of type 1 pilus
2	c3jwnK_	Alignment		97.4	12	**PDB header:**protein binding/cell adhesion **Chain:** K: **PDB Molecule:**protein fimf; **PDBTitle:** complex of fimc, fimf, fimg and fimh
3	c3jwnL_	Alignment		97.4	12	**PDB header:**protein binding/cell adhesion **Chain:** L: **PDB Molecule:**protein fimf; **PDBTitle:** complex of fimc, fimf, fimg and fimh
4	c3jwnE_	Alignment		97.3	12	**PDB header:**protein binding/cell adhesion **Chain:** E: **PDB Molecule:**protein fimf; **PDBTitle:** complex of fimc, fimf, fimg and fimh
5	c3jwnF_	Alignment		97.2	12	**PDB header:**protein binding/cell adhesion **Chain:** F: **PDB Molecule:**protein fimf; **PDBTitle:** complex of fimc, fimf, fimg and fimh
6	c2w07B_	Alignment		96.3	16	**PDB header:**cell adhesion **Chain:** B: **PDB Molecule:**minor pilin subunit papf; **PDBTitle:** structural determinants of polymerization reactivity of the2 p pilus adaptor subunit papf
7	d1n12a_	Alignment		94.9	17	**Fold:**Common fold of diphtheria toxin/transcription factors/cytochrome f **Superfamily:**Bacterial adhesins **Family:**Pilus subunits
8	c2jmrA_	Alignment		94.7	8	**PDB header:**cell adhesion **Chain:** A: **PDB Molecule:**fimf; **PDBTitle:** nmr structure of the e. coli type 1 pilus subunit fimf
9	d2uy6b1	Alignment		94.1	15	**Fold:**Common fold of diphtheria toxin/transcription factors/cytochrome f **Superfamily:**Bacterial adhesins **Family:**Pilus subunits
10	c3bfwA_	Alignment		93.7	16	**PDB header:**structural protein/structural protein **Chain:** A: **PDB Molecule:**protein fimg; **PDBTitle:** crystal structure of truncated fimg (fimgt) in complex with the donor2 strand peptide of fimf (dsf)
11	d2j2zb1	Alignment		93.6	13	**Fold:**Common fold of diphtheria toxin/transcription factors/cytochrome f **Superfamily:**Bacterial adhesins **Family:**Pilus subunits

12	d1ze3h1	Alignment		93.1	19	**Fold:**Common fold of diphtheria toxin/transcription factors/cytochrome f **Superfamily:**Bacterial adhesins **Family:**Pilus subunits
13	c1klfP_	Alignment		92.0	16	**PDB header:**chaperone/adhesin complex **Chain:** P: **PDB Molecule:**fimh protein; **PDBTitle:** fimh adhesin-fimc chaperone complex with d-mannose
14	c2wmpB_	Alignment		91.0	23	**PDB header:**chaperone **Chain:** B: **PDB Molecule:**papg protein; **PDBTitle:** structure of the e. coli chaperone papd in complex with the pilin2 domain of the papgii adhesin
15	d1pdkb_	Alignment		88.4	13	**Fold:**Common fold of diphtheria toxin/transcription factors/cytochrome f **Superfamily:**Bacterial adhesins **Family:**Pilus subunits
16	d2jnaa1	Alignment		16.5	27	**Fold:**Dodecin subunit-like **Superfamily:**YdgH-like **Family:**YdgH-like
17	c3qbtH_	Alignment		12.7	15	**PDB header:**protein transport/hydrolase **Chain:** H: **PDB Molecule:**inositol polyphosphate 5-phosphatase ocrl-1; **PDBTitle:** crystal structure of ocrl1 540-678 in complex with rab8a:gppnhp
18	d2tbvc_	Alignment		9.6	11	**Fold:**Nucleoplasmin-like/VP (viral coat and capsid proteins) **Superfamily:**Positive stranded ssRNA viruses **Family:**Tombusviridae-like VP
19	c3klqB_	Alignment		7.4	7	**PDB header:**cell adhesion **Chain:** B: **PDB Molecule:**putative pilus anchoring protein; **PDBTitle:** crystal structure of the minor pilin fctb from streptococcus pyogenes2 90/306s
20	c2tbvB_	Alignment		6.9	11	**PDB header:**virus **Chain:** B: **PDB Molecule:**tomato bushy stunt virus; **PDBTitle:** structure of tomato bushy stunt virus. v. coat protein2 sequence determination and its structural implications
21	d2tbva_	Alignment	not modelled	6.3	11	**Fold:**Nucleoplasmin-like/VP (viral coat and capsid proteins) **Superfamily:**Positive stranded ssRNA viruses **Family:**Tombusviridae-like VP