Phyre^2

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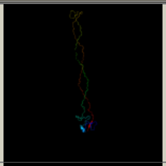
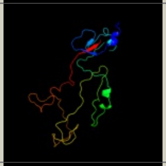
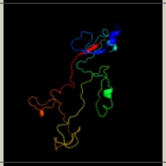
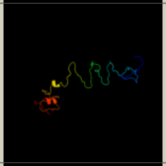
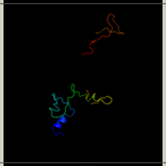
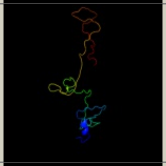
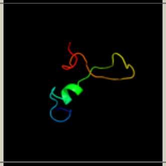
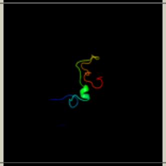
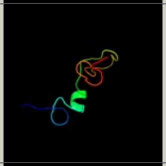
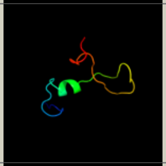
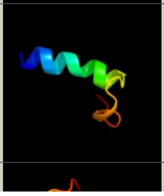
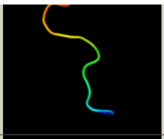
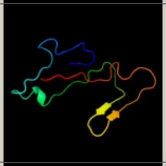
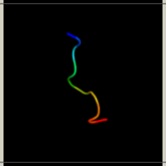
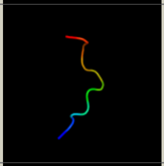
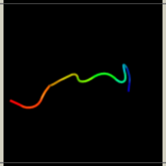
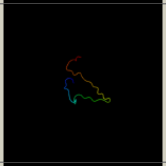
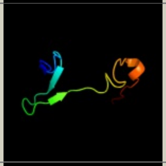
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2xgfA_	Alignment		100.0	70	**PDB header:**viral protein **Chain:** A: **PDB Molecule:**long tail fiber protein p37; **PDBTitle:** structure of the bacteriophage t4 long tail fibre needle-2 shaped receptor-binding tip
2	c1pdiQ_	Alignment		100.0	19	**PDB header:**structural protein **Chain:** Q: **PDB Molecule:**short tail fiber protein; **PDBTitle:** fitting of the c-terminal part of the short tail fibers2 into the cryo-em reconstruction of t4 baseplate
3	d1ocya_	Alignment		100.0	21	**Fold:**Receptor-binding domain of short tail fibre protein gp12 **Superfamily:**Receptor-binding domain of short tail fibre protein gp12 **Family:**Receptor-binding domain of short tail fibre protein gp12
4	c1h6wA_	Alignment		99.5	17	**PDB header:**structural protein **Chain:** A: **PDB Molecule:**bacteriophage t4 short tail fibre; **PDBTitle:** crystal structure of a heat- and protease-stable fragment2 of the bacteriophage t4 short fibre
5	c2fkkA_	Alignment		88.3	15	**PDB header:**viral protein **Chain:** A: **PDB Molecule:**baseplate structural protein gp10; **PDBTitle:** crystal structure of the c-terminal domain of the bacteriophage t42 gene product 10
6	c2fl8N_	Alignment		68.1	16	**PDB header:**virus/viral protein **Chain:** N: **PDB Molecule:**baseplate structural protein gp10; **PDBTitle:** fitting of the gp10 trimer structure into the cryoem map of the2 bacteriophage t4 baseplate in the hexagonal conformation.
7	d1m5ha2	Alignment		38.2	26	**Fold:**Ferredoxin-like **Superfamily:**Formylmethanofuran:tetrahydromethanopterin formyltransferase **Family:**Formylmethanofuran:tetrahydromethanopterin formyltransferase
8	d1m5sa2	Alignment		33.9	23	**Fold:**Ferredoxin-like **Superfamily:**Formylmethanofuran:tetrahydromethanopterin formyltransferase **Family:**Formylmethanofuran:tetrahydromethanopterin formyltransferase
9	c1m5hF_	Alignment		21.3	25	**PDB header:**transferase **Chain:** F: **PDB Molecule:**formylmethanofuran--tetrahydromethanopterin **PDBTitle:** formylmethanofuran:tetrahydromethanopterin2 formyltransferase from archaeoglobus fulgidus
10	c1m5sC_	Alignment		17.6	23	**PDB header:**transferase **Chain:** C: **PDB Molecule:**formylmethanofuran--tetrahydromethanopterin **PDBTitle:** formylmethanofuran:tetrahydromethanopterin2 fromyltransferase from methanosarcina barkeri
11	c2pfcA_	Alignment		9.9	38	**PDB header:**unknown function **Chain:** A: **PDB Molecule:**hypothetical protein rv0098/mt0107; **PDBTitle:** structure of mycobacterium tuberculosis rv0098

12	c2x3lA_	Alignment		7.8	43	**PDB header:**lyase **Chain:** A: **PDB Molecule:**orn/lys/arg decarboxylase family protein; **PDBTitle:** crystal structure of the orn_lys_arg decarboxylase family2 protein sar0482 from methicillin-resistant staphylococcus3 aureus
13	d1fmd1_	Alignment		7.4	28	**Fold:**Nucleoplasmin-like/VP (viral coat and capsid proteins) **Superfamily:**Positive stranded ssRNA viruses **Family:**Picornaviridae-like VP (VP1, VP2, VP3 and VP4)
14	d1ftra2	Alignment		7.2	24	**Fold:**Ferredoxin-like **Superfamily:**Formylmethanofuran:tetrahydromethanopterin formyltransferase **Family:**Formylmethanofuran:tetrahydromethanopterin formyltransferase
15	d1k25a2	Alignment		7.0	60	**Fold:**Penicillin-binding protein 2x (pbp-2x), c-terminal domain **Superfamily:**Penicillin-binding protein 2x (pbp-2x), c-terminal domain **Family:**Penicillin-binding protein 2x (pbp-2x), c-terminal domain
16	d1pyya2	Alignment		6.8	55	**Fold:**Penicillin-binding protein 2x (pbp-2x), c-terminal domain **Superfamily:**Penicillin-binding protein 2x (pbp-2x), c-terminal domain **Family:**Penicillin-binding protein 2x (pbp-2x), c-terminal domain
17	d1c4ka3	Alignment		6.3	36	**Fold:**Ornithine decarboxylase C-terminal domain **Superfamily:**Ornithine decarboxylase C-terminal domain **Family:**Ornithine decarboxylase C-terminal domain
18	c2wzr1_	Alignment		5.8	18	**PDB header:**virus **Chain:** 1: **PDB Molecule:**polyprotein; **PDBTitle:** the structure of foot and mouth disease virus serotype sat1
19	c3kioB_	Alignment		5.7	19	**PDB header:**hydrolase **Chain:** B: **PDB Molecule:**ribonuclease h2 subunit b; **PDBTitle:** mouse rnase h2 complex
20	c3n75E_	Alignment		5.5	45	**PDB header:**lyase **Chain:** E: **PDB Molecule:**lysine decarboxylase, inducible; **PDBTitle:** x-ray crystal structure of the escherichia coli inducible lysine2 decarboxylase ldci
21	c2vycA_	Alignment	not modelled	5.4	25	**PDB header:**lyase **Chain:** A: **PDB Molecule:**biodegradative arginine decarboxylase; **PDBTitle:** crystal structure of acid induced arginine decarboxylase2 from e. coli
22	d1uptb_	Alignment	not modelled	5.4	22	**Fold:**GRIP domain **Superfamily:**GRIP domain **Family:**GRIP domain