Phyre^2

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Description	Q46901
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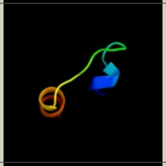
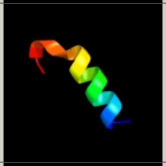
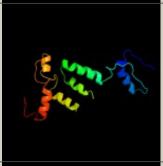
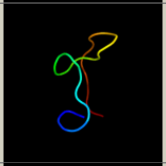
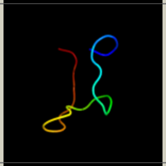
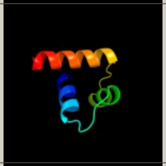
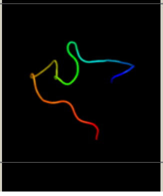
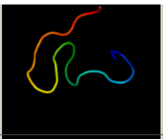
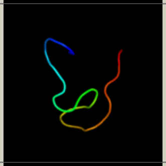
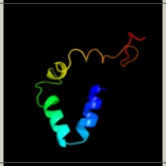
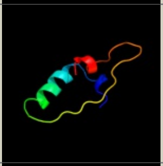
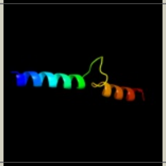
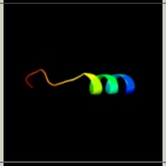
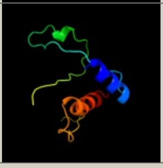
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1fipa_	Alignment		20.8	12	**Fold:**DNA/RNA-binding 3-helical bundle **Superfamily:**Homeodomain-like **Family:**FIS-like
2	d2ns0a1	Alignment		20.5	19	**Fold:**DNA/RNA-binding 3-helical bundle **Superfamily:**"Winged helix" DNA-binding domain **Family:**RHA1 ro06458-like
3	c3k6qB_	Alignment		19.0	12	**PDB header:**ligand binding protein **Chain:** B: **PDB Molecule:**putative ligand binding protein; **PDBTitle:** crystal structure of an antitoxin part of a putative toxin/antitoxin2 system (swol_0700) from syntrophomonas wolfei subsp. wolfei at 1.80 a3 resolution
4	d1w36c2	Alignment		17.7	9	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**Tandem AAA-ATPase domain
5	d1etxa_	Alignment		14.3	14	**Fold:**DNA/RNA-binding 3-helical bundle **Superfamily:**Homeodomain-like **Family:**FIS-like
6	d1nj1a2	Alignment		14.0	29	**Fold:**IF3-like **Superfamily:**C-terminal domain of ProRS **Family:**C-terminal domain of ProRS
7	d2ak3a2	Alignment		11.0	26	**Fold:**Rubredoxin-like **Superfamily:**Microbial and mitochondrial ADK, insert "zinc finger" domain **Family:**Microbial and mitochondrial ADK, insert "zinc finger" domain
8	d1e4va2	Alignment		10.4	30	**Fold:**Rubredoxin-like **Superfamily:**Microbial and mitochondrial ADK, insert "zinc finger" domain **Family:**Microbial and mitochondrial ADK, insert "zinc finger" domain
9	d1p3ja2	Alignment		10.3	30	**Fold:**Rubredoxin-like **Superfamily:**Microbial and mitochondrial ADK, insert "zinc finger" domain **Family:**Microbial and mitochondrial ADK, insert "zinc finger" domain
10	d1t6sa1	Alignment		10.3	11	**Fold:**DNA/RNA-binding 3-helical bundle **Superfamily:**"Winged helix" DNA-binding domain **Family:**ScpB/YpuH-like
11	d1zina2	Alignment		10.2	35	**Fold:**Rubredoxin-like **Superfamily:**Microbial and mitochondrial ADK, insert "zinc finger" domain **Family:**Microbial and mitochondrial ADK, insert "zinc finger" domain

12	d1s3ga2	Alignment		9.4	35	**Fold:**Rubredoxin-like **Superfamily:**Microbial and mitochondrial ADK, insert "zinc finger" domain **Family:**Microbial and mitochondrial ADK, insert "zinc finger" domain
13	d1akya2	Alignment		8.9	22	**Fold:**Rubredoxin-like **Superfamily:**Microbial and mitochondrial ADK, insert "zinc finger" domain **Family:**Microbial and mitochondrial ADK, insert "zinc finger" domain
14	d1poia_	Alignment		7.6	8	**Fold:**NagB/RpiA/CoA transferase-like **Superfamily:**NagB/RpiA/CoA transferase-like **Family:**CoA transferase alpha subunit-like
15	d1g2ha_	Alignment		7.5	15	**Fold:**DNA/RNA-binding 3-helical bundle **Superfamily:**Homeodomain-like **Family:**FIS-like
16	d1xx6a1	Alignment		7.4	15	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**Type II thymidine kinase
17	c1qhhB_	Alignment		6.9	13	**PDB header:**hydrolase **Chain:** B: **PDB Molecule:**protein (pcra (subunit)); **PDBTitle:** structure of dna helicase with adpnp
18	c2qfaC_	Alignment		5.9	17	**PDB header:**cell cycle/cell cycle/cell cycle **Chain:** C: **PDB Molecule:**inner centromere protein; **PDBTitle:** crystal structure of a survivin-borealin-incenp core complex
19	c3ndhA_	Alignment		5.9	22	**PDB header:**hydrolase/dna **Chain:** A: **PDB Molecule:**restriction endonuclease thai; **PDBTitle:** restriction endonuclease in complex with substrate dna
20	c2wdtA_	Alignment		5.8	9	**PDB header:**hydrolase/protein binding **Chain:** A: **PDB Molecule:**ubiquitin carboxyl-terminal hydrolase l3; **PDBTitle:** crystal structure of plasmodium falciparum uchl3 in complex2 with the suicide inhibitor ubvme
21	d2f7fa2	Alignment	not modelled	5.7	50	**Fold:**alpha/beta-Hammerhead **Superfamily:**Nicotinate/Quinolinate PRTase N-terminal domain-like **Family:**NadC N-terminal domain-like
22	d1nbwa1	Alignment	not modelled	5.4	22	**Fold:**The "swivelling" beta/beta/alpha domain **Superfamily:**Swiveling domain of dehydratase reactivase alpha subunit **Family:**Swiveling domain of dehydratase reactivase alpha subunit
23	c3e2iA_	Alignment	not modelled	5.3	11	**PDB header:**transferase **Chain:** A: **PDB Molecule:**thymidine kinase; **PDBTitle:** crystal structure of thymidine kinase from s. aureus
24	d1etob_	Alignment	not modelled	5.3	11	**Fold:**DNA/RNA-binding 3-helical bundle **Superfamily:**Homeodomain-like **Family:**FIS-like
25	c1nj2A_	Alignment	not modelled	5.2	29	**PDB header:**ligase **Chain:** A: **PDB Molecule:**proline-trna synthetase; **PDBTitle:** crystal structure of prolyl-trna synthetase from methanothermobacter2 thermautotrophicus