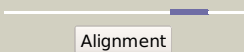
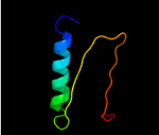
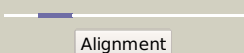
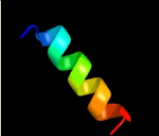
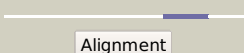
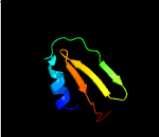


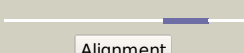

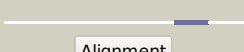
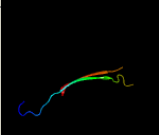

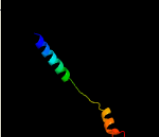

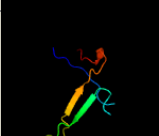


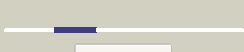





Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD0817c_(-)_910033_910845
Date	Fri Jul 26 01:50:40 BST 2019
Unique Job ID	4354363a422caa39

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1ghha_	 Alignment		17.1	16	Fold: DNA damage-inducible protein DinI Superfamily: DNA damage-inducible protein DinI Family: DNA damage-inducible protein DinI
2	d2f9wa2	 Alignment		16.6	24	Fold: Ribonuclease H-like motif Superfamily: Actin-like ATPase domain Family: CoaX-like
3	d2g3wa1	 Alignment		14.3	13	Fold: Restriction endonuclease-like Superfamily: Restriction endonuclease-like Family: YaeQ-like
4	d1hyoa1	 Alignment		13.6	54	Fold: SH3-like barrel Superfamily: Fumarylacetoacetate hydrolase, FAH, N-terminal domain Family: Fumarylacetoacetate hydrolase, FAH, N-terminal domain
5	c3c0uA_	 Alignment		13.3	11	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein yaeq; PDBTitle: crystal structure of e.coli yaeq protein
6	c3dzmB_	 Alignment		12.5	44	PDB header: unknown function Chain: B: PDB Molecule: hypothetical conserved protein; PDBTitle: crystal structure of a major outer membrane protein from thermus2 thermophilus hb27
7	c6cfwE_	 Alignment		11.9	15	PDB header: membrane protein Chain: E: PDB Molecule: mbh subunit; PDBTitle: cryoem structure of a respiratory membrane-bound hydrogenase
8	c2ddhA_	 Alignment		9.4	6	PDB header: oxidoreductase Chain: A: PDB Molecule: acyl-coa oxidase; PDBTitle: crystal structure of acyl-coa oxidase complexed with 3-oh-dodecanoate
9	d2bpa1_	 Alignment		9.3	29	Fold: Nucleoplasmin-like/VP (viral coat and capsid proteins) Superfamily: ssDNA viruses Family: Microviridae-like VP
10	c5ys9A_	 Alignment		9.2	6	PDB header: oxidoreductase Chain: A: PDB Molecule: acyl-coenzyme a oxidase 3; PDBTitle: crystal structure of acyl-coa oxidase3 from yarrowia lipolytica
11	c2kncA_	 Alignment		8.7	32	PDB header: cell adhesion Chain: A: PDB Molecule: integrin alpha-iiB; PDBTitle: platelet integrin alphaIIb-beta3 transmembrane-cytoplasmic2 heterocomplex

12	c6ey4A_	Alignment		8.6	9	PDB header: protein transport Chain: A; PDB Molecule: gldm; PDBTitle: periplasmic domain (residues 36-513) of gldm
13	d1kvpa_	Alignment		8.2	29	Fold: Nucleoplasmin-like/VP (viral coat and capsid proteins) Superfamily: ssDNA viruses Family: Microviridae-like VP
14	c6gijA_	Alignment		8.2	17	PDB header: structural protein Chain: A; PDB Molecule: tssf; PDBTitle: the baseplate complex from the type vi secretion system
15	c4c47B_	Alignment		6.7	12	PDB header: cell adhesion Chain: B; PDB Molecule: inner membrane lipoprotein; PDBTitle: salmonella enterica trimeric lipoprotein sadb
16	c5k3jA_	Alignment		6.5	8	PDB header: oxidoreductase Chain: A; PDB Molecule: acyl-coenzyme a oxidase; PDBTitle: crystals structure of acyl-coa oxidase-2 in caenorhabditis elegans2 bound with fad, ascaroside-coa, and atp
17	c5y9dA_	Alignment		5.7	14	PDB header: oxidoreductase Chain: A; PDB Molecule: acyl-coenzyme a oxidase 1; PDBTitle: crystal structure of acyl-coa oxidase1 from yarrowia lipolytica
18	c2lifA_	Alignment		5.7	60	PDB header: viral protein, membrane protein Chain: A; PDB Molecule: core protein p21; PDBTitle: solution structure of kkgf
19	d1qd1a2	Alignment		5.4	12	Fold: Ferredoxin-like Superfamily: Formiminotransferase domain of formiminotransferase-cyclodeaminase. Family: Formiminotransferase domain of formiminotransferase-cyclodeaminase.
20	d2b7oa1	Alignment		5.3	20	Fold: TIM beta/alpha-barrel Superfamily: Aldolase Family: Class-II DAHP synthetase
21	c2y69Y_	Alignment	not modelled	5.3	40	PDB header: electron transport Chain: Y; PDB Molecule: cytochrome c oxidase subunit 7c; PDBTitle: bovine heart cytochrome c oxidase re-refined with molecular oxygen
22	d1m06f_	Alignment	not modelled	5.2	43	Fold: Nucleoplasmin-like/VP (viral coat and capsid proteins) Superfamily: ssDNA viruses Family: Microviridae-like VP