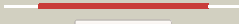



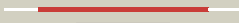
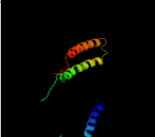

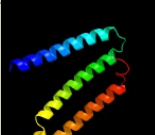

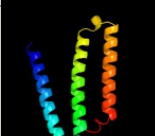

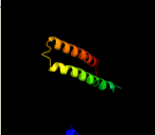

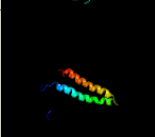





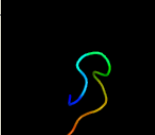



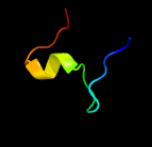
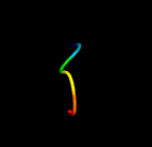
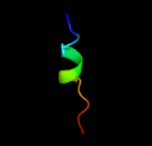
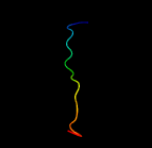

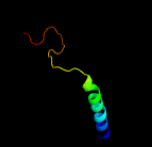
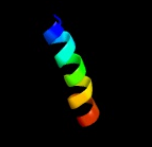
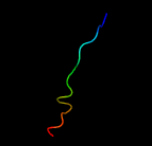


Phyre2

Email mdejesus@rockefeller.edu
 Description RVBD3145_(nuoA)_3511679_3512065
 Date Thu Aug 8 16:20:33 BST 2019
 Unique Job ID cb1a330c782ee393

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c6humC_	 Alignment		100.0	37	PDB header: proton transport Chain: C: PDB Molecule: nad(p)h-quinone oxidoreductase subunit 3; PDBTitle: structure of the photosynthetic complex i from thermosynechococcus2 elongatus
2	c5lc5A_	 Alignment		100.0	28	PDB header: oxidoreductase Chain: A: PDB Molecule: nadh-ubiquinone oxidoreductase chain 3; PDBTitle: structure of mammalian respiratory complex i, class2
3	c6gcs3_	 Alignment		100.0	20	PDB header: oxidoreductase Chain: 3: PDB Molecule: nd3 subunit (nu3m); PDBTitle: cryo-em structure of respiratory complex i from yarrowia lipolytica
4	c3rkoE_	 Alignment		100.0	31	PDB header: oxidoreductase Chain: E: PDB Molecule: nadh-quinone oxidoreductase subunit a; PDBTitle: crystal structure of the membrane domain of respiratory complex i from2 e. coli at 3.0 angstrom resolution
5	c3rkoA_	 Alignment		100.0	31	PDB header: oxidoreductase Chain: A: PDB Molecule: nadh-quinone oxidoreductase subunit a; PDBTitle: crystal structure of the membrane domain of respiratory complex i from2 e. coli at 3.0 angstrom resolution
6	c4he8B_	 Alignment		100.0	41	PDB header: oxidoreductase Chain: B: PDB Molecule: nadh-quinone oxidoreductase subunit 7; PDBTitle: crystal structure of the membrane domain of respiratory complex i from2 thermus thermophilus
7	c6g72A_	 Alignment		99.9	27	PDB header: oxidoreductase Chain: A: PDB Molecule: nadh-ubiquinone oxidoreductase chain 3; PDBTitle: mouse mitochondrial complex i in the deactive state
8	c2ml7A_	 Alignment		35.2	43	PDB header: unknown function Chain: A: PDB Molecule: specific abundant protein 3; PDBTitle: ginsentides: characterization, structure and application of a new2 class of highly stable cystine knot peptides in ginseng
9	d1jwya1	 Alignment		26.6	31	Fold: SH3-like barrel Superfamily: Myosin S1 fragment, N-terminal domain Family: Myosin S1 fragment, N-terminal domain
10	d3bz7a1	 Alignment		24.9	31	Fold: SH3-like barrel Superfamily: Myosin S1 fragment, N-terminal domain Family: Myosin S1 fragment, N-terminal domain
11	c3fy6A_	 Alignment		21.3	33	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: integron cassette protein; PDBTitle: structure from the mobile metagenome of v. cholerae. integron cassette2 protein vch_cass3

12	d2csha2	Alignment		18.2	60	Fold: beta-beta-alpha zinc fingers Superfamily: beta-beta-alpha zinc fingers Family: Classic zinc finger, C2H2
13	d1k32a1	Alignment		15.3	29	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: Tail specific protease PDZ domain
14	d2adra2	Alignment		14.8	50	Fold: beta-beta-alpha zinc fingers Superfamily: beta-beta-alpha zinc fingers Family: Classic zinc finger, C2H2
15	c2elsa_	Alignment		9.3	27	PDB header: transcription Chain: A: PDB Molecule: zinc finger protein 406; PDBTitle: solution structure of the 2nd c2h2 zinc finger of human2 zinc finger protein 406
16	c4oudA_	Alignment		8.8	31	PDB header: ligase Chain: A: PDB Molecule: tyrosyl-trna synthetase; PDBTitle: engineered tyrosyl-trna synthetase with the nonstandard amino acid l-2 4,4-biphenylalanine
17	c2k9pA_	Alignment		8.6	15	PDB header: membrane protein Chain: A: PDB Molecule: pheromone alpha factor receptor; PDBTitle: structure of tm1_tm2 in lppg micelles
18	c6cfwL_	Alignment		8.6	15	PDB header: membrane protein Chain: I: PDB Molecule: mbh subunit; PDBTitle: cryoem structure of a respiratory membrane-bound hydrogenase
19	c1zrtD_	Alignment		8.2	11	PDB header: oxidoreductase/metal transport Chain: D: PDB Molecule: cytochrome c1; PDBTitle: rhodobacter capsulatus cytochrome bc1 complex with2 stigmatellin bound
20	c2ytaA_	Alignment		8.0	33	PDB header: metal binding protein Chain: A: PDB Molecule: zinc finger protein 32; PDBTitle: solution structure of c2h2 type zinc finger domain 3 in2 zinc finger protein 32
21	d2j7ja2	Alignment	not modelled	7.6	67	Fold: beta-beta-alpha zinc fingers Superfamily: beta-beta-alpha zinc fingers Family: Classic zinc finger, C2H2
22	c4oudB_	Alignment	not modelled	7.5	38	PDB header: ligase Chain: B: PDB Molecule: tyrosyl-trna synthetase; PDBTitle: engineered tyrosyl-trna synthetase with the nonstandard amino acid l-2 4,4-biphenylalanine
23	c5oliA_	Alignment	not modelled	7.1	6	PDB header: protein binding Chain: A: PDB Molecule: putative transferase caf17, mitochondrial; PDBTitle: crystal structure of human iba57
24	c2dmdA_	Alignment	not modelled	6.6	8	PDB header: transcription Chain: A: PDB Molecule: zinc finger protein 64, isoforms 1 and 2; PDBTitle: solution structure of the n-terminal c2h2 type zinc-binding2 domain of the zinc finger protein 64, isoforms 1 and 2
25	c2fynH_	Alignment	not modelled	6.6	16	PDB header: oxidoreductase Chain: H: PDB Molecule: cytochrome c1; PDBTitle: crystal structure analysis of the double mutant rhodobacter2 sphaeroides bc1 complex
26	c3ssbC_	Alignment	not modelled	6.2	100	PDB header: hydrolase/hydrolase inhibitor Chain: C: PDB Molecule: inducible metalloproteinase inhibitor protein; PDBTitle: structure of insect metalloproteinase inhibitor in complex with2 thermolysin
27	c2wsc1_	Alignment	not modelled	5.9	15	PDB header: photosynthesis Chain: 1: PDB Molecule: at3g54890; PDBTitle: improved model of plant photosystem i
28	c2axqA_	Alignment	not modelled	5.9	50	PDB header: oxidoreductase Chain: A: PDB Molecule: saccharopine dehydrogenase; PDBTitle: apo histidine-tagged saccharopine dehydrogenase (l-glu2 forming) from saccharomyces cerevisiae