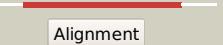
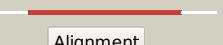
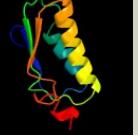


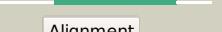
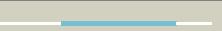
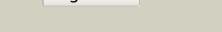
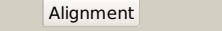
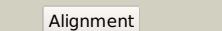
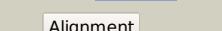
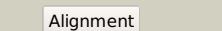
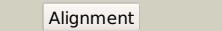
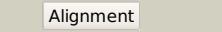
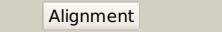
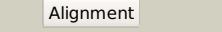
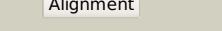
# Phyre<sup>2</sup>

Email	mdejesus@rockefeller.edu
Description	RVBD0516c_(-)_608062_608538
Date	Fri Jul 26 01:50:06 BST 2019
Unique Job ID	a57f4a21c2313bc3

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c3t6oA_</a>			99.9	18	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> sulfate transporter/antisigma-factor antagonist stas; <b>PDBTitle:</b> the structure of an anti-sigma-factor antagonist (stas) domain protein2 from planctomyces limnophilus.
2	<a href="#">c4hyLB_</a>			99.9	20	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> stage ii sporulation protein; <b>PDBTitle:</b> the crystal structure of an anti-sigma-factor antagonist from2 haliangium ochraceum dsm 14365
3	<a href="#">d1th8b_</a>			99.9	21	<b>Fold:</b> Spollaa-like <b>Superfamily:</b> Spollaa-like <b>Family:</b> Anti-sigma factor antagonist Spollaa
4	<a href="#">c3f43A_</a>			99.9	14	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> putative anti-sigma factor antagonist tm1081; <b>PDBTitle:</b> crystal structure of a putative anti-sigma factor antagonist (tm1081)2 from thermotoga maritima at 1.59 a resolution
5	<a href="#">c4xs5D_</a>			99.8	9	<b>PDB header:</b> transport protein <b>Chain:</b> D: <b>PDB Molecule:</b> sulfate transporter/antisigma-factor antagonist stas; <b>PDBTitle:</b> crystal structure of sulfate transporter/antisigma-factor antagonist2 stas from dyadobacter fermentans dsm 18053
6	<a href="#">d1vc1a_</a>			99.8	26	<b>Fold:</b> Spollaa-like <b>Superfamily:</b> Spollaa-like <b>Family:</b> Anti-sigma factor antagonist Spollaa
7	<a href="#">c3mgIA_</a>			99.8	12	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> sulfate permease family protein; <b>PDBTitle:</b> crystal structure of permease family protein from vibrio cholerae
8	<a href="#">d1auza_</a>			99.8	18	<b>Fold:</b> Spollaa-like <b>Superfamily:</b> Spollaa-like <b>Family:</b> Anti-sigma factor antagonist Spollaa
9	<a href="#">c3oirA_</a>			99.8	14	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> sulfate transporter sulfate transporter family protein; <b>PDBTitle:</b> crystal structure of sulfate transporter family protein from wolinella2 succinogenes
10	<a href="#">c2vy9A_</a>			99.8	17	<b>PDB header:</b> gene regulation <b>Chain:</b> A: <b>PDB Molecule:</b> anti-sigma-factor antagonist; <b>PDBTitle:</b> molecular architecture of the stressosome, a signal integration and transduction hub
11	<a href="#">d1h4xa_</a>			99.8	16	<b>Fold:</b> Spollaa-like <b>Superfamily:</b> Spollaa-like <b>Family:</b> Anti-sigma factor antagonist Spollaa

12	<a href="#">c2klnA_</a>	Alignment		99.8	13	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> probable sulphate-transport transmembrane protein, cog0659; <b>PDBTitle:</b> solution structure of stas domain of rv1739c from m. tuberculosis
13	<a href="#">c3ny7A_</a>	Alignment		99.7	13	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> sulfate transporter; <b>PDBTitle:</b> stas domain of ychm bound to acp
14	<a href="#">c5ezbB_</a>	Alignment		99.7	14	<b>PDB header:</b> transport protein <b>Chain:</b> B: <b>PDB Molecule:</b> chicken prestin stas domain,chicken prestin stas domain; <b>PDBTitle:</b> chicken prestin stas domain
15	<a href="#">c3illoA_</a>	Alignment		99.6	16	<b>PDB header:</b> motor protein <b>Chain:</b> A: <b>PDB Molecule:</b> prestin; <b>PDBTitle:</b> crystal structure of the stas domain of motor protein prestin (anion2 transporter slc26a5)
16	<a href="#">c6ic4K_</a>	Alignment		99.5	17	<b>PDB header:</b> protein transport <b>Chain:</b> K: <b>PDB Molecule:</b> ttg2e; <b>PDBTitle:</b> cryo-em structure of the a. baumannii mla complex at 8.7 a resolution
17	<a href="#">c3lklB_</a>	Alignment		99.4	18	<b>PDB header:</b> transport protein <b>Chain:</b> B: <b>PDB Molecule:</b> antisigma-factor antagonist stas; <b>PDBTitle:</b> crystal structure of the c-terminal domain of anti-sigma factor2 antagonist stas from rhodobacter sphaeroides
18	<a href="#">c5da0A_</a>	Alignment		99.0	13	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> sulphate transporter; <b>PDBTitle:</b> structure of the the slc26 transporter slc26dg in complex with a2 nanobody
19	<a href="#">c3ih9A_</a>	Alignment		96.8	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> salt-tolerant glutaminase; <b>PDBTitle:</b> crystal structure analysis of mglu in its tris form
20	<a href="#">c3bl4B_</a>	Alignment		92.8	19	<b>PDB header:</b> unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of a protein with unknown function (arth_0117) from2 arthrobacter sp. fb24 at 2.20 a resolution
21	<a href="#">c2pr7A_</a>	Alignment	not modelled	80.2	9	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> haloacid dehalogenase/epoxide hydrolase family; <b>PDBTitle:</b> crystal structure of uncharacterized protein (np_599989.1) from2 corynebacterium glutamicum atcc 13032 kitasato at 1.44 a resolution
22	<a href="#">d2csua3</a>	Alignment	not modelled	74.3	7	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Succinyl-CoA synthetase domains <b>Family:</b> Succinyl-CoA synthetase domains
23	<a href="#">c6k4fuU</a>	Alignment	not modelled	60.9	21	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> U: <b>PDB Molecule:</b> duf1987 domain-containing protein; <b>PDBTitle:</b> siaC of pseudomonas aeruginosa
24	<a href="#">c2dfwA_</a>	Alignment	not modelled	58.4	11	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> salt-tolerant glutaminase; <b>PDBTitle:</b> crystal structure of a major fragment of the salt-tolerant2 glutaminase from micrococcus luteus k-3
25	<a href="#">d2nu7b1</a>	Alignment	not modelled	51.9	8	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Succinyl-CoA synthetase domains <b>Family:</b> Succinyl-CoA synthetase domains
26	<a href="#">d1ccwa_</a>	Alignment	not modelled	51.2	19	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Cobalamin (vitamin B12)-binding domain <b>Family:</b> Cobalamin (vitamin B12)-binding domain
27	<a href="#">c2deoA_</a>	Alignment	not modelled	48.1	15	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> 441aa long hypothetical nfd protein; <b>PDBTitle:</b> 1510-n membrane protease specific for a stomatin homolog from2 pyrococcus horikoshii
28	<a href="#">c3n07B_</a>	Alignment	not modelled	44.5	11	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> 3-deoxy-d-manno-octulosonate 8-phosphate phosphatase; <b>PDBTitle:</b> structure of putative 3-deoxy-d-manno-octulosonate 8-phosphate2 phosphatase from vibrio cholerae

29	<a href="#">c4umfC</a>		Alignment	not modelled	43.0	10	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> 3-deoxy-d-manno-octulosonate 8-phosphate phosphatase kdsc; <b>PDBTitle:</b> crystal structure of 3-deoxy-d-manno-octulosonate 8-2 phosphate phosphatase from moraxella catarrhalis in3 complex with magnesium ion, phosphate ion and kdo molecule
30	<a href="#">c3kc2A</a>		Alignment	not modelled	42.0	5	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein ykr070w; <b>PDBTitle:</b> crystal structure of mitochondrial had-like phosphatase from2 saccharomyces cerevisiae
31	<a href="#">c2csuB</a>		Alignment	not modelled	41.2	7	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> 45aa long hypothetical protein; <b>PDBTitle:</b> crystal structure of ph0766 from pyrococcus horikoshii ot3
32	<a href="#">c4hgnB</a>		Alignment	not modelled	35.3	11	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> 2-keto-3-deoxy-d-manno-octulosonate 8-phosphate <b>PDBTitle:</b> crystal structure of 2-keto-3-deoxyoctulosonate 8-phosphate2 phosphohydrolase from bacteroides thetaiotaomicron
33	<a href="#">c3ghfA</a>		Alignment	not modelled	31.5	15	<b>PDB header:</b> cell cycle <b>Chain:</b> A: <b>PDB Molecule:</b> septum site-determining protein minc; <b>PDBTitle:</b> crystal structure of the septum site-determining protein minc from2 salmonella typhimurium
34	<a href="#">c2q5cA</a>		Alignment	not modelled	30.8	8	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> ntrc family transcriptional regulator; <b>PDBTitle:</b> crystal structure of ntrc family transcriptional regulator from2 clostridium acetobutylicum
35	<a href="#">c1tg6G</a>		Alignment	not modelled	29.9	15	<b>PDB header:</b> hydrolase <b>Chain:</b> G: <b>PDB Molecule:</b> putative atp-dependent clp protease proteolytic subunit; <b>PDBTitle:</b> crystallography and mutagenesis point to an essential role for the n-2 terminus of human mitochondrial clpp
36	<a href="#">c4e8iA</a>		Alignment	not modelled	29.4	16	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> lincosamide resistance protein; <b>PDBTitle:</b> crystal structure of lincosamide antibiotic adenyltransferase lina,2 apo
37	<a href="#">c4yajA</a>		Alignment	not modelled	27.4	5	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> alpha subunit of acetyl-coenzyme a synthetase <b>PDBTitle:</b> ca. korarchaeum cryptofilum dinucleotide forming acetyl-coenzyme a2 synthetase 1 (apo form)
38	<a href="#">c3mn1B</a>		Alignment	not modelled	26.7	18	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> probable yrbi family phosphatase; <b>PDBTitle:</b> crystal structure of probable yrbi family phosphatase from pseudomonas2 syringae pv.phaseolica 1448a
39	<a href="#">d2pjua1</a>		Alignment	not modelled	26.1	5	<b>Fold:</b> Chelatase-like <b>Superfamily:</b> PrpR receptor domain-like <b>Family:</b> PrpR receptor domain-like
40	<a href="#">c2puuD</a>		Alignment	not modelled	26.1	5	<b>PDB header:</b> transcription <b>Chain:</b> D: <b>PDB Molecule:</b> propionate catabolism operon regulatory protein; <b>PDBTitle:</b> crystal structure of propionate catabolism operon regulatory protein2 prpr
41	<a href="#">d1tg6a1</a>		Alignment	not modelled	26.0	15	<b>Fold:</b> ClpP/crotonase <b>Superfamily:</b> ClpP/crotonase <b>Family:</b> Clp protease, Clp subunit
42	<a href="#">d2cbya1</a>		Alignment	not modelled	25.6	6	<b>Fold:</b> ClpP/crotonase <b>Superfamily:</b> ClpP/crotonase <b>Family:</b> Clp protease, Clp subunit
43	<a href="#">d1t3va</a>		Alignment	not modelled	25.6	6	<b>Fold:</b> Ribonuclease H-like motif <b>Superfamily:</b> Nitrogenase accessory factor-like <b>Family:</b> MTH1175-like
44	<a href="#">c6r62A</a>		Alignment	not modelled	25.1	11	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> hpch/hpai aldolase; <b>PDBTitle:</b> crystal structure of a class ii pyruvate aldolase from sphingomonas2 wittichii rw1 in complex with hydroxypyruvate
45	<a href="#">d1izca</a>		Alignment	not modelled	25.1	8	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Phosphoenolpyruvate/pyruvate domain <b>Family:</b> HpcH/HpaI aldolase
46	<a href="#">c1izca</a>		Alignment	not modelled	25.1	8	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> macrophomate synthase intermolecular diels-alderase; <b>PDBTitle:</b> crystal structure analysis of macrophomate synthase
47	<a href="#">c4e1pA</a>		Alignment	not modelled	24.6	17	<b>PDB header:</b> dnabinding protein <b>Chain:</b> A: <b>PDB Molecule:</b> protein lsr2; <b>PDBTitle:</b> crystal structure of the dimerization domain of lsr2 from2 mycobacterium tuberculosis in the p 1 21 1 space group
48	<a href="#">c4e1rA</a>		Alignment	not modelled	24.6	17	<b>PDB header:</b> dnabinding protein <b>Chain:</b> A: <b>PDB Molecule:</b> protein lsr2; <b>PDBTitle:</b> crystal structure of the dimerization domain of lsr2 from2 mycobacterium tuberculosis in the p 31 2 1 space group
49	<a href="#">c4jcqU</a>		Alignment	not modelled	22.2	21	<b>PDB header:</b> hydrolase <b>Chain:</b> U: <b>PDB Molecule:</b> atp-dependent clp protease proteolytic subunit; <b>PDBTitle:</b> clpp1 from listeria monocytogenes
50	<a href="#">c2p9jH</a>		Alignment	not modelled	21.2	12	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> H: <b>PDB Molecule:</b> hypothetical protein aq2171; <b>PDBTitle:</b> crystal structure of aq2171 from aquifex aeolicus
51	<a href="#">c2yx6C</a>		Alignment	not modelled	21.1	6	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> C: <b>PDB Molecule:</b> hypothetical protein ph0822; <b>PDBTitle:</b> crystal structure of ph0822
52	<a href="#">c3q94B</a>		Alignment	not modelled	20.2	16	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> fructose-bisphosphate aldolase, class ii; <b>PDBTitle:</b> the crystal structure of fructose 1,6-bisphosphate aldolase from2 bacillus anthracis str. 'ames ancestor'
53	<a href="#">c2v5jB</a>		Alignment	not modelled	19.1	13	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> 2,4-dihydroxyhept-2-ene-1,7-dioic acid aldolase;

						<b>PDBTitle:</b> apo class ii aldolase hpch <b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> atp-dependent clp protease proteolytic subunit; <b>PDBTitle:</b> structure of clpp from bacillus subtilis in orthorombic crystal form
54	<a href="#">c3kthD_</a>	Alignment	not modelled	18.4	11	<b>Fold:</b> Ribonuclease H-like motif <b>Superfamily:</b> Nitrogenase accessory factor-like <b>Family:</b> MTH1175-like
55	<a href="#">d1o13a_</a>	Alignment	not modelled	18.1	6	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> sufe protein; <b>PDBTitle:</b> solution structure of the hypothetical protein from thermus2 thermophilus hb8
56	<a href="#">c1wloA_</a>	Alignment	not modelled	18.0	14	<b>Fold:</b> Release factor <b>Superfamily:</b> Release factor <b>Family:</b> Release factor
57	<a href="#">d1rq0a_</a>	Alignment	not modelled	17.9	23	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> protease 4; <b>PDBTitle:</b> crystal structure of escherichia coli signal peptide peptidase (sppa),2 sement crystals
58	<a href="#">c3bezC_</a>	Alignment	not modelled	17.9	20	<b>Fold:</b> ClpP/crotonase <b>Superfamily:</b> ClpP/crotonase <b>Family:</b> Clp protease, ClpP subunit
59	<a href="#">d1yg6a1</a>	Alignment	not modelled	17.7	13	<b>PDB header:</b> hydrolase <b>Chain:</b> H: <b>PDB Molecule:</b> signal peptide peptidase sppa; <b>PDBTitle:</b> crystal structure of bacillus subtilis signal peptide peptidase a
60	<a href="#">c3rstH_</a>	Alignment	not modelled	16.8	13	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> hydrolase, had superfamily, subfamily iii a; <b>PDBTitle:</b> structure of putative had superfamily (subfamily iii a) hydrolase from2 legionella pneumophila
61	<a href="#">c3n1uA_</a>	Alignment	not modelled	16.8	18	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> putative glycerate kinase 2; <b>PDBTitle:</b> crystal structure of putative glycerate kinase 2 from salmonella2 typhimurium lt2
62	<a href="#">c3cwcB_</a>	Alignment	not modelled	16.7	8	<b>PDB header:</b> hydrolase <b>Chain:</b> G: <b>PDB Molecule:</b> atp-dependent clp protease proteolytic subunit 1; <b>PDBTitle:</b> crystal structure of the atp-dependent clp protease proteolytic2 subunit 1 (clpp1) from mycobacterium tuberculosis
63	<a href="#">c2cbyG_</a>	Alignment	not modelled	15.7	8	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> 3-deoxy-d-manno-octulosonate 8-phosphate phosphatase; <b>PDBTitle:</b> crystal structure of yrb phosphatase from escherichia coli in complex2 with a phosphate and a calcium ion
64	<a href="#">c2r8zC_</a>	Alignment	not modelled	15.7	13	<b>Fold:</b> Ribonuclease H-like motif <b>Superfamily:</b> Nitrogenase accessory factor-like <b>Family:</b> MTH1175-like
65	<a href="#">d1eo1a_</a>	Alignment	not modelled	15.6	12	<b>PDB header:</b> xidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> nitrilotriacetate monooxygenase; <b>PDBTitle:</b> structure of a nitrilotriacetate monooxygenase from burkholderia2 pseudomallei
66	<a href="#">c3sdoB_</a>	Alignment	not modelled	15.2	26	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> putative fructose-bisphosphate aldolase; <b>PDBTitle:</b> crystal structure of a putative fructose-1,6-biphosphate aldolase from2 coccidioides immitis solved by combined sad mr
67	<a href="#">c3pm6B_</a>	Alignment	not modelled	15.1	23	<b>Fold:</b> Carbamate kinase-like <b>Superfamily:</b> Carbamate kinase-like <b>Family:</b> N-acetyl-l-glutamate kinase
68	<a href="#">d2bufa1</a>	Alignment	not modelled	14.3	12	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> phosphoenolpyruvate synthase; <b>PDBTitle:</b> the crystal structure of the phosphoenolpyruvate synthase from2 neisseria meningitidis
69	<a href="#">c2olsA_</a>	Alignment	not modelled	13.7	14	<b>Fold:</b> Spollaa-like <b>Superfamily:</b> Spollaa-like <b>Family:</b> Sfri0576-like
70	<a href="#">d2g3la1</a>	Alignment	not modelled	13.6	14	<b>Fold:</b> Ribonuclease H-like motif <b>Superfamily:</b> Nitrogenase accessory factor-like <b>Family:</b> MTH1175-like
71	<a href="#">d1rdua_</a>	Alignment	not modelled	13.4	12	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> atp-dependent clp protease proteolytic subunit; <b>PDBTitle:</b> crystal structure of atp-dependent clp protease subunit p from2 franciscella tularensis
72	<a href="#">c3p2ID_</a>	Alignment	not modelled	13.4	12	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> predicted sugar phosphatases of the had superfamily; <b>PDBTitle:</b> crystal structure of possible sugar phosphatase, had superfamily2 (zp_00311070.1) from cytophaga hutchinsonii atcc 33406 at 2.10 $\text{\AA}$ resolution
73	<a href="#">c2hx1D_</a>	Alignment	not modelled	13.4	10	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> yfa, 2-keto-3-deoxy sugar aldolase; <b>PDBTitle:</b> crystal structure of yfa, a metal ion dependent class ii2 aldolase from escherichia coli k12 - mg-pyruvate product3 complex
74	<a href="#">c2vwta_</a>	Alignment	not modelled	13.3	14	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> thioredoxin o1, mitochondrial; <b>PDBTitle:</b> crystal structure of thioredoxin o1 from arabidopsis thaliana in2 oxidized state
75	<a href="#">c6g61A_</a>	Alignment	not modelled	13.2	8	<b>Fold:</b> Release factor <b>Superfamily:</b> Release factor <b>Family:</b> Release factor
76	<a href="#">d1gqea_</a>	Alignment	not modelled	12.8	12	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> response regulator receiver protein; <b>PDBTitle:</b> crystal structure of the n-terminal domain of response regulator2 receiver protein from methanoculleus marisnigri jr1
77	<a href="#">c3c3mA_</a>	Alignment	not modelled	12.7	10	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Cobalamin (vitamin B12)-binding domain
78	<a href="#">d7reqa2</a>	Alignment	not modelled	12.6	11	

					<b>Family:</b> Cobalamin (vitamin B12)-binding domain
79	<a href="#">d3bula2</a>	Alignment	not modelled	12.5	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Cobalamin (vitamin B12)-binding domain <b>Family:</b> Cobalamin (vitamin B12)-binding domain
80	<a href="#">c3luuA_</a>	Alignment	not modelled	12.1	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> response regulator receiver protein; <b>PDBTitle:</b> crystal structure of a signal receiver domain of two component signal2 transduction (histidine kinase) from clostridium thermocellum
81	<a href="#">d1owxa_</a>	Alignment	not modelled	12.0	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> RNA-binding domain, RBD <b>Family:</b> Canonical RBD
82	<a href="#">c6ak1B_</a>	Alignment	not modelled	11.8	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> dimethyl-sulfide monooxygenase; <b>PDBTitle:</b> crystal structure of dmoa from hyphomicrobium sulfonivorans
83	<a href="#">c2vm2C_</a>	Alignment	not modelled	11.7	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> thioredoxin h isoform 1; <b>PDBTitle:</b> crystal structure of barley thioredoxin h isoform 1 crystallized using2 peg as precipitant
84	<a href="#">d1qyia_</a>	Alignment	not modelled	11.6	<b>Fold:</b> HAD-like <b>Superfamily:</b> HAD-like <b>Family:</b> Hypothetical protein MW1667 (SA1546)
85	<a href="#">c2qtdA_</a>	Alignment	not modelled	10.3	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein mj0327; <b>PDBTitle:</b> crystal structure of a putative dinitrogenase (mj0327) from2 methanocaldococcus jannaschii dsm at 1.70 a resolution
86	<a href="#">c2cftA_</a>	Alignment	not modelled	10.0	<b>PDB header:</b> phosphatase <b>Chain:</b> A: <b>PDB Molecule:</b> pyridoxal phosphate phosphatase; <b>PDBTitle:</b> crystal structure of human pyridoxal 5'-phosphate2 phosphatase with its substrate
87	<a href="#">d2f6ia1</a>	Alignment	not modelled	9.8	<b>Fold:</b> ClpP/crotonase <b>Superfamily:</b> ClpP/crotonase <b>Family:</b> Clp protease, ClpP subunit
88	<a href="#">d1ni8a_</a>	Alignment	not modelled	9.7	<b>Fold:</b> H-NS histone-like proteins <b>Superfamily:</b> H-NS histone-like proteins <b>Family:</b> H-NS histone-like proteins
89	<a href="#">c2wfbA_</a>	Alignment	not modelled	9.6	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> putative uncharacterized protein orp; <b>PDBTitle:</b> high resolution structure of the apo form of the orange2 protein (orp) from desulfovibrio gigas
90	<a href="#">c3khtA_</a>	Alignment	not modelled	9.4	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> response regulator; <b>PDBTitle:</b> crystal structure of response regulator from hahella chejuensis
91	<a href="#">d1u6ka1</a>	Alignment	not modelled	9.3	<b>Fold:</b> F420-dependent methylenetetrahydromenopterin dehydrogenase (MTD) <b>Superfamily:</b> F420-dependent methylenetetrahydromenopterin dehydrogenase (MTD) <b>Family:</b> F420-dependent methylenetetrahydromenopterin dehydrogenase (MTD)
92	<a href="#">d1u7pa_</a>	Alignment	not modelled	9.1	<b>Fold:</b> HAD-like <b>Superfamily:</b> HAD-like <b>Family:</b> Magnesium-dependent phosphatase-1, Mdp1
93	<a href="#">c1xrsB_</a>	Alignment	not modelled	8.9	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> d-lysine 5,6-aminomutase beta subunit; <b>PDBTitle:</b> crystal structure of lysine 5,6-aminomutase in complex with plp,2 cobalamin, and 5'-deoxyadenosine
94	<a href="#">c3qz6A_</a>	Alignment	not modelled	8.5	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> hpch/hpai aldolase; <b>PDBTitle:</b> the crystal structure of hpch/hpai aldolase from desulfitobacterium2 haefniente dcb-2
95	<a href="#">c5ticA_</a>	Alignment	not modelled	8.0	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> dibenzothiophene desulfurization enzyme a; <b>PDBTitle:</b> crystal structure of bdsa from bacillus subtilis wu-s2b
96	<a href="#">d1dxea_</a>	Alignment	not modelled	7.9	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Phosphoenolpyruvate/pyruvate domain <b>Family:</b> HpcH/Hpal aldolase
97	<a href="#">c3d5cX_</a>	Alignment	not modelled	7.7	<b>PDB header:</b> ribosome <b>Chain:</b> X: <b>PDB Molecule:</b> peptide chain release factor 1; <b>PDBTitle:</b> structural basis for translation termination on the 70s ribosome. this2 file contains the 30s subunit, release factor 1 (rf1), two trna, and3 mrna molecules of the second 70s ribosome. the entire crystal4 structure contains two 70s ribosomes as described in remark 400.
98	<a href="#">d1to6a_</a>	Alignment	not modelled	7.7	<b>Fold:</b> Glycerate kinase I <b>Superfamily:</b> Glycerate kinase I <b>Family:</b> Glycerate kinase I
99	<a href="#">d1kjna_</a>	Alignment	not modelled	7.6	<b>Fold:</b> Hypothetical protein MTH777 (MT0777) <b>Superfamily:</b> Hypothetical protein MTH777 (MT0777) <b>Family:</b> Hypothetical protein MTH777 (MT0777)