

# Phyre2

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Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c4aivA_</a>	Alignment		100.0	100	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> probable nitrite reductase [nad(p)h] small subunit nirD; <b>PDBTitle:</b> crystal structure of putative nadh-dependent nitrite reductase small2 subunit from mycobacterium tuberculosis
2	<a href="#">d2jo6a1</a>	Alignment		100.0	41	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> NirD-like
3	<a href="#">d3c0da1</a>	Alignment		100.0	38	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> NirD-like
4	<a href="#">d2jzaa1</a>	Alignment		100.0	44	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> NirD-like
5	<a href="#">d1vm9a_</a>	Alignment		100.0	18	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Rieske iron-sulfur protein (ISP)
6	<a href="#">c3gceA_</a>	Alignment		99.9	25	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> ferredoxin component of carbazole 1,9a- <b>PDBTitle:</b> ferredoxin of carbazole 1,9a-dioxygenase from nocardiooides2 aromaticivorans lc177
7	<a href="#">c2de7E_</a>	Alignment		99.9	24	<b>PDB header:</b> oxidoreductase <b>Chain:</b> E: <b>PDB Molecule:</b> ferredoxin component of carbazole; <b>PDBTitle:</b> the substrate-bound complex between oxygenase and2 ferredoxin in carbazole 1,9a-dioxygenase
8	<a href="#">c4qdfA_</a>	Alignment		99.9	17	<b>PDB header:</b> oxidoreductase/oxidoreductase inhibitor <b>Chain:</b> A: <b>PDB Molecule:</b> 3-ketosteroid 9alpha-hydroxylase oxygenase; <b>PDBTitle:</b> crystal structure of apo ksha5 and ksha1 in complex with 1,4-30q-coa2 from r. rhodochrous
9	<a href="#">c4qdfB_</a>	Alignment		99.9	15	<b>PDB header:</b> oxidoreductase/oxidoreductase inhibitor <b>Chain:</b> B: <b>PDB Molecule:</b> 3-ketosteroid 9alpha-hydroxylase oxygenase; <b>PDBTitle:</b> crystal structure of apo ksha5 and ksha1 in complex with 1,4-30q-coa2 from r. rhodochrous
10	<a href="#">c2qpzA_</a>	Alignment		99.9	24	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> naphthalene 1,2-dioxygenase system ferredoxin <b>PDBTitle:</b> naphthalene 1,2-dioxygenase rieske ferredoxin
11	<a href="#">d1fqta_</a>	Alignment		99.9	19	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Rieske iron-sulfur protein (ISP)

12	<a href="#">c2zylA</a>	Alignment		99.9	21	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> possible oxidoreductase; <b>PDBTitle:</b> crystal structure of 3-ketosteroid-9-alpha-hydroxylase2 (ksha) from m. tuberculosis
13	<a href="#">c2de7B</a>	Alignment		99.9	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> terminal oxygenase component of carbazole; <b>PDBTitle:</b> the substrate-bound complex between oxygenase and2 ferredoxin in carbazole 1,9a-dioxygenase
14	<a href="#">c3gkqB</a>	Alignment		99.9	24	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> terminal oxygenase component of carbazole 1,9a-dioxygenase; <b>PDBTitle:</b> terminal oxygenase of carbazole 1,9a-dioxygenase from novosphingobium2 sp. ka1
15	<a href="#">c3d89A</a>	Alignment		99.9	20	<b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> rieske domain-containing protein; <b>PDBTitle:</b> crystal structure of a soluble rieske ferredoxin from mus musculus
16	<a href="#">d2de6a1</a>	Alignment		99.9	15	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Ring hydroxylating alpha subunit ISP domain
17	<a href="#">d1z01a1</a>	Alignment		99.9	20	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Ring hydroxylating alpha subunit ISP domain
18	<a href="#">c3gcfC</a>	Alignment		99.9	24	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> terminal oxygenase component of carbazole 1,9a- <b>PDBTitle:</b> terminal oxygenase of carbazole 1,9a-dioxygenase from2 nocardioides aromaticivorans ic177
19	<a href="#">c3n0qA</a>	Alignment		99.9	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> putative aromatic-ring hydroxylating dioxygenase; <b>PDBTitle:</b> crystal structure of a putative aromatic-ring hydroxylating2 dioxygenase (tm1040_3219) from silicibacter sp. tm1040 at 1.80 a3 resolution
20	<a href="#">c3vcaA</a>	Alignment		99.9	21	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> ring-hydroxylating dioxygenase; <b>PDBTitle:</b> quaternary ammonium oxidative demethylation: x-ray crystallographic,2 resonance raman and uv-visible spectroscopic analysis of a rieske-3 type demethylase
21	<a href="#">c1z01D</a>	Alignment	not modelled	99.9	20	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D: <b>PDB Molecule:</b> 2-oxo-1,2-dihydroquinoline 8-monoxygenase, oxygenase <b>PDBTitle:</b> 2-oxoquinoline 8-monoxygenase component: active site modulation by2 rieske-[2fe-2s] center oxidation/reduction
22	<a href="#">c3gteB</a>	Alignment	not modelled	99.9	27	<b>PDB header:</b> electron transport, oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> ddmc; <b>PDBTitle:</b> crystal structure of dicamba monoxygenase with non-heme iron
23	<a href="#">c2i7fB</a>	Alignment	not modelled	99.9	17	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> ferredoxin component of dioxygenase; <b>PDBTitle:</b> sphingomonas yanoikuyae b1 ferredoxin
24	<a href="#">c3dqyA</a>	Alignment	not modelled	99.9	22	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> toluene 1,2-dioxygenase system ferredoxin <b>PDBTitle:</b> crystal structure of toluene 2,3-dioxygenase ferredoxin
25	<a href="#">d1ulia1</a>	Alignment	not modelled	99.9	14	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Ring hydroxylating alpha subunit ISP domain
26	<a href="#">d1wqla1</a>	Alignment	not modelled	99.9	14	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Ring hydroxylating alpha subunit ISP domain
27	<a href="#">c5cxmC</a>	Alignment	not modelled	99.9	15	<b>PDB header:</b> metal binding protein <b>Chain:</b> C: <b>PDB Molecule:</b> cytochrome b6/f complex iron-sulfur subunit; <b>PDBTitle:</b> crystal structure of the cyanobacterial plasma membrane rieske protein2 petc3 from synechocystis pcc 6803
28	<a href="#">d2bmoa1</a>	Alignment	not modelled	99.9	17	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Ring hydroxylating alpha subunit ISP domain

29	<a href="#">c1uljA_</a>	Alignment	not modelled	99.9	15	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> biphenyl dioxygenase large subunit; <b>PDBTitle:</b> biphenyl dioxygenase (bpha1a2) in complex with the substrate
30	<a href="#">c1wqjA_</a>	Alignment	not modelled	99.9	15	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> iron-sulfur protein large subunit of cumene dioxygenase; <b>PDBTitle:</b> cumene dioxygenase (cuma1a2) from pseudomonas fluorescens ip01
31	<a href="#">d2b1xa1</a>	Alignment	not modelled	99.9	17	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Ring hydroxylating alpha subunit ISP domain
32	<a href="#">d1o7na1</a>	Alignment	not modelled	99.9	17	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Ring hydroxylating alpha subunit ISP domain
33	<a href="#">c2gbxE_</a>	Alignment	not modelled	99.9	20	<b>PDB header:</b> oxidoreductase <b>Chain:</b> E: <b>PDB Molecule:</b> biphenyl 2,3-dioxygenase alpha subunit; <b>PDBTitle:</b> crystal structure of biphenyl 2,3-dioxygenase from sphingomonas2 yanoikuyae b1 bound to biphenyl
34	<a href="#">c2hmnA_</a>	Alignment	not modelled	99.9	17	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> naphthalene 1,2-dioxygenase alpha subunit; <b>PDBTitle:</b> crystal structure of the naphthalene 1,2-dioxygenase f352v2 mutant bound to anthracene.
35	<a href="#">c2b1xE_</a>	Alignment	not modelled	99.9	17	<b>PDB header:</b> oxidoreductase <b>Chain:</b> E: <b>PDB Molecule:</b> naphthalene dioxygenase large subunit; <b>PDBTitle:</b> crystal structure of naphthalene 1,2-dioxygenase from rhodococcus sp.
36	<a href="#">c4aayH_</a>	Alignment	not modelled	99.9	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> H: <b>PDB Molecule:</b> arob; <b>PDBTitle:</b> crystal structure of the arsenite oxidase protein complex2 from rhizobium species strain nt-26
37	<a href="#">d1rfsa_</a>	Alignment	not modelled	99.8	14	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Rieske iron-sulfur protein (ISP)
38	<a href="#">d1g8kb_</a>	Alignment	not modelled	99.8	14	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Rieske iron-sulfur protein (ISP)
39	<a href="#">d1q90c_</a>	Alignment	not modelled	99.8	13	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Rieske iron-sulfur protein (ISP)
40	<a href="#">d3cx5e1</a>	Alignment	not modelled	99.8	14	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Rieske iron-sulfur protein (ISP)
41	<a href="#">d2e74d1</a>	Alignment	not modelled	99.8	14	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Rieske iron-sulfur protein (ISP)
42	<a href="#">d1riea_</a>	Alignment	not modelled	99.7	14	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Rieske iron-sulfur protein (ISP)
43	<a href="#">d1nyka_</a>	Alignment	not modelled	99.7	21	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Rieske iron-sulfur protein (ISP)
44	<a href="#">c2e76D_</a>	Alignment	not modelled	99.6	14	<b>PDB header:</b> photosynthesis <b>Chain:</b> D: <b>PDB Molecule:</b> cytochrome b6-f complex iron-sulfur subunit; <b>PDBTitle:</b> crystal structure of the cytochrome b6f complex with tridecyl-2 stigmatellin (tds) from m.laminosus
45	<a href="#">c2fyuE_</a>	Alignment	not modelled	99.6	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> E: <b>PDB Molecule:</b> ubiquinol-cytochrome c reductase iron-sulfur subunit, <b>PDBTitle:</b> crystal structure of bovine heart mitochondrial bc1 with jg1442 inhibitor
46	<a href="#">c1p84E_</a>	Alignment	not modelled	99.6	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> E: <b>PDB Molecule:</b> ubiquinol-cytochrome c reductase iron-sulfur subunit; <b>PDBTitle:</b> hdbt inhibited yeast cytochrome bc1 complex
47	<a href="#">c2fynO_</a>	Alignment	not modelled	99.5	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> O: <b>PDB Molecule:</b> ubiquinol-cytochrome c reductase iron-sulfur <b>PDBTitle:</b> crystal structure analysis of the double mutant rhodobacter2 sphaeroides bc1 complex
48	<a href="#">c2nvgA_</a>	Alignment	not modelled	99.5	25	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> ubiquinol-cytochrome c reductase iron-sulfur subunit; <b>PDBTitle:</b> soluble domain of rieske iron sulfur protein.
49	<a href="#">d1jm1a_</a>	Alignment	not modelled	99.4	22	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Rieske iron-sulfur protein (ISP)
50	<a href="#">c6hwhB_</a>	Alignment	not modelled	99.4	13	<b>PDB header:</b> electron transport <b>Chain:</b> B: <b>PDB Molecule:</b> ubiquinol-cytochrome c reductase iron-sulfur subunit; <b>PDBTitle:</b> structure of a functional obligate respiratory supercomplex from2 mycobacterium smegmatis
51	<a href="#">c6fo2R_</a>	Alignment	not modelled	98.9	16	<b>PDB header:</b> membrane protein <b>Chain:</b> R: <b>PDB Molecule:</b> cytochrome b-c1 complex subunit rieske, mitochondrial; <b>PDBTitle:</b> cryoem structure of bovine cytochrome bc1 with no ligand bound
52	<a href="#">d2hf1a1</a>	Alignment	not modelled	57.0	19	<b>Fold:</b> Trm112p-like <b>Superfamily:</b> Trm112p-like <b>Family:</b> Trm112p-like
53	<a href="#">d2jnya1</a>	Alignment	not modelled	56.9	19	<b>Fold:</b> Trm112p-like <b>Superfamily:</b> Trm112p-like <b>Family:</b> Trm112p-like

54	<a href="#">d2pk7a1</a>	Alignment	not modelled	53.6	16	<b>Fold:</b> Trm112p-like <b>Superfamily:</b> Trm112p-like <b>Family:</b> Trm112p-like
55	<a href="#">c2jr6A</a>	Alignment	not modelled	48.5	22	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> upf0434 protein nma0874; <b>PDBTitle:</b> solution structure of upf0434 protein nma0874. northeast structural2 genomics target mr32
56	<a href="#">c2kpiA</a>	Alignment	not modelled	46.9	19	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein sco3027; <b>PDBTitle:</b> solution nmr structure of streptomyces coelicolor sco30272 modeled with zn+2 bound, northeast structural genomics3 consortium target rr58
57	<a href="#">c2js4A</a>	Alignment	not modelled	46.0	22	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> upf0434 protein bb2007; <b>PDBTitle:</b> solution nmr structure of bordetella bronchiseptica protein2 bb2007. northeast structural genomics consortium target3 bor54
58	<a href="#">c6f5zC</a>	Alignment	not modelled	40.0	13	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> upf0434 family protein; <b>PDBTitle:</b> complex between the haloferax volcanii trm112 methyltransferase2 activator and the hvo_0019 putative methyltransferase
59	<a href="#">c3tenD</a>	Alignment	not modelled	33.5	0	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> cs2 hydrolase; <b>PDBTitle:</b> holo form of carbon disulfide hydrolase
60	<a href="#">c4esiA</a>	Alignment	not modelled	31.0	19	<b>PDB header:</b> hydrolase/dna <b>Chain:</b> A: <b>PDB Molecule:</b> type-2 restriction enzyme dpni; <b>PDBTitle:</b> restriction endonuclease dpni in complex with target dna
61	<a href="#">c3wvnB</a>	Alignment	not modelled	27.3	13	<b>PDB header:</b> metal binding protein/transferase <b>Chain:</b> B: <b>PDB Molecule:</b> orff; <b>PDBTitle:</b> crystal structure of lysz from thermus thermophilus complex with lysw
62	<a href="#">c3vrkA</a>	Alignment	not modelled	25.4	17	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> carbonyl sulfide hydrolase; <b>PDBTitle:</b> crystal structure of thiobacillus thioparus thi115 carbonyl sulfide2 hydrolase / thiocyanate complex
63	<a href="#">c3vpbF</a>	Alignment	not modelled	23.5	15	<b>PDB header:</b> ligase <b>Chain:</b> F: <b>PDB Molecule:</b> alpha-aminoadipate carrier protein lysw; <b>PDBTitle:</b> argx from sulfolobus tokodaii complexed with2 lysw/glu/adp/mg/zn/sulfate
64	<a href="#">c3lasA</a>	Alignment	not modelled	22.7	17	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> putative carbonic anhydrase; <b>PDBTitle:</b> crystal structure of carbonic anhydrase from streptococcus mutans to2 1.4 angstrom resolution
65	<a href="#">c5ztpB</a>	Alignment	not modelled	22.2	8	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> carbonic anhydrase; <b>PDBTitle:</b> carbonic anhydrase from glaciozyma antarctica
66	<a href="#">c2k5hA</a>	Alignment	not modelled	22.2	21	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> conserved protein; <b>PDBTitle:</b> solution nmr structure of protein encoded by mth693 from2 methanobacterium thermoautotrophicum: northeast structural3 genomics consortium target tt824a
67	<a href="#">c2w3nA</a>	Alignment	not modelled	20.9	17	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> carbonic anhydrase 2; <b>PDBTitle:</b> structure and inhibition of the co2-sensing carbonic anhydrase can22 from the pathogenic fungus cryptococcus neoformans
68	<a href="#">d2exda1</a>	Alignment	not modelled	20.9	22	<b>Fold:</b> OB-fold <b>Superfamily:</b> NfeD domain-like <b>Family:</b> NfeD domain-like
69	<a href="#">d1ddza2</a>	Alignment	not modelled	19.8	21	<b>Fold:</b> Resolvase-like <b>Superfamily:</b> beta-carbonic anhydrase, cab <b>Family:</b> beta-carbonic anhydrase, cab
70	<a href="#">c6gwuB</a>	Alignment	not modelled	19.4	8	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> carbonic anhydrase; <b>PDBTitle:</b> carbonic anhydrase cance103p from candida albicans
71	<a href="#">c6g4wr</a>	Alignment	not modelled	18.5	22	<b>PDB header:</b> ribosome <b>Chain:</b> R: <b>PDB Molecule:</b> 40s ribosomal protein s17; <b>PDBTitle:</b> cryo-em structure of a late human pre-40s ribosomal subunit - state a
72	<a href="#">c3cp0A</a>	Alignment	not modelled	18.4	17	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> membrane protein implicated in regulation of membrane <b>PDBTitle:</b> crystal structure of the soluble domain of membrane protein implicated2 in regulation of membrane protease activity from corynebacterium3 glutamicum
73	<a href="#">c2a8cE</a>	Alignment	not modelled	18.2	17	<b>PDB header:</b> lyase <b>Chain:</b> E: <b>PDB Molecule:</b> carbonic anhydrase 2; <b>PDBTitle:</b> haemophilus influenzae beta-carbonic anhydrase
74	<a href="#">d1ddza1</a>	Alignment	not modelled	18.0	17	<b>Fold:</b> Resolvase-like <b>Superfamily:</b> beta-carbonic anhydrase, cab <b>Family:</b> beta-carbonic anhydrase, cab
75	<a href="#">c1ylkA</a>	Alignment	not modelled	18.0	17	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein rv1284/mt1322; <b>PDBTitle:</b> crystal structure of rv1284 from mycobacterium tuberculosis in complex2 with thiocyanate
76	<a href="#">c5cxkG</a>	Alignment	not modelled	18.0	17	<b>PDB header:</b> lyase <b>Chain:</b> G: <b>PDB Molecule:</b> carbonic anhydrase; <b>PDBTitle:</b> crystal structure of beta carbonic anhydrase from vibrio cholerae
77	<a href="#">d2nn6g3</a>	Alignment	not modelled	17.9	21	<b>Fold:</b> Eukaryotic type KH-domain (KH-domain type I) <b>Superfamily:</b> Eukaryotic type KH-domain (KH-domain type I) <b>Family:</b> Eukaryotic type KH-domain (KH-domain type I)
78	<a href="#">c3eyxB</a>	Alignment	not modelled	17.7	17	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> carbonic anhydrase; <b>PDBTitle:</b> crystal structure of carbonic anhydrase nce103 from2

						saccharomyces cerevisiae
79	<a href="#">c5swcE</a>	Alignment	not modelled	17.7	8	<b>PDB header:</b> lyase <b>Chain:</b> E: <b>PDB Molecule:</b> carbonic anhydrase; <b>PDBTitle:</b> the structure of the beta-carbonic anhydrase ccaa
80	<a href="#">c1ddzA</a>	Alignment	not modelled	17.3	21	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> carbonic anhydrase; <b>PDBTitle:</b> x-ray structure of a beta-carbonic anhydrase from the red2 alga, porphyridium purpureum r-1
81	<a href="#">c3ucoB</a>	Alignment	not modelled	17.0	8	<b>PDB header:</b> lyase/lyase inhibitor <b>Chain:</b> B: <b>PDB Molecule:</b> carbonic anhydrase; <b>PDBTitle:</b> coccomyxa beta-carbonic anhydrase in complex with iodide
82	<a href="#">c2a5vB</a>	Alignment	not modelled	16.7	33	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> carbonic anhydrase (carbonate dehydratase) (carbonic <b>PDBTitle:</b> crystal structure of m. tuberculosis beta carbonic anhydrase, rv3588c,2 tetrameric form
83	<a href="#">d2aqaa1</a>	Alignment	not modelled	16.5	20	<b>Fold:</b> Rubredoxin-like <b>Superfamily:</b> Nop10-like SnoRNP <b>Family:</b> Nucleolar RNA-binding protein Nop10-like
84	<a href="#">c2j6aA</a>	Alignment	not modelled	16.4	6	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> protein trm112; <b>PDBTitle:</b> crystal structure of s. cerevisiae ynr046w, a zinc finger2 protein from the erf1 methyltransferase complex.
85	<a href="#">d1ekja</a>	Alignment	not modelled	16.0	17	<b>Fold:</b> Resolvase-like <b>Superfamily:</b> beta-carbonic anhydrase, cab <b>Family:</b> beta-carbonic anhydrase, cab
86	<a href="#">c5cm2M</a>	Alignment	not modelled	16.0	0	<b>PDB header:</b> transferase <b>Chain:</b> M: <b>PDB Molecule:</b> trna methyltransferase activator subunit; <b>PDBTitle:</b> insights into molecular plasticity in protein complexes from trm9-2 trm112 trna modifying enzyme crystal structure
87	<a href="#">c4rxyA</a>	Alignment	not modelled	15.3	17	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> carbonic anhydrase; <b>PDBTitle:</b> crystal structure of the beta carbonic anhydrase psca3 isolated from2 pseudomonas aeruginosa
88	<a href="#">d1i6pa</a>	Alignment	not modelled	15.2	25	<b>Fold:</b> Resolvase-like <b>Superfamily:</b> beta-carbonic anhydrase, cab <b>Family:</b> beta-carbonic anhydrase, cab
89	<a href="#">d1g5ca</a>	Alignment	not modelled	14.4	8	<b>Fold:</b> Resolvase-like <b>Superfamily:</b> beta-carbonic anhydrase, cab <b>Family:</b> beta-carbonic anhydrase, cab
90	<a href="#">c6g5iy</a>	Alignment	not modelled	14.3	13	<b>PDB header:</b> ribosome <b>Chain:</b> Y: <b>PDB Molecule:</b> 40s ribosomal protein s24; <b>PDBTitle:</b> cryo-em structure of a late human pre-40s ribosomal subunit - state r
91	<a href="#">d2apob1</a>	Alignment	not modelled	12.6	19	<b>Fold:</b> Rubredoxin-like <b>Superfamily:</b> Nop10-like SnoRNP <b>Family:</b> Nucleolar RNA-binding protein Nop10-like
92	<a href="#">c3j20R</a>	Alignment	not modelled	12.6	20	<b>PDB header:</b> ribosome <b>Chain:</b> R: <b>PDB Molecule:</b> 30s ribosomal protein s17p; <b>PDBTitle:</b> promiscuous behavior of proteins in archaeal ribosomes revealed by2 cryo-em: implications for evolution of eukaryotic ribosomes (30s3 ribosomal subunit)
93	<a href="#">d2ey4e1</a>	Alignment	not modelled	12.5	19	<b>Fold:</b> Rubredoxin-like <b>Superfamily:</b> Nop10-like SnoRNP <b>Family:</b> Nucleolar RNA-binding protein Nop10-like
94	<a href="#">c4o1kA</a>	Alignment	not modelled	12.4	25	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> carbonic anhydrase; <b>PDBTitle:</b> crystal structures of two tetrameric beta-carbonic anhydrases from the2 filamentous ascomycete sordaria macrospora.
95	<a href="#">d2j7ja2</a>	Alignment	not modelled	12.0	33	<b>Fold:</b> beta-beta-alpha zinc fingers <b>Superfamily:</b> beta-beta-alpha zinc fingers <b>Family:</b> Classic zinc finger, C2H2
96	<a href="#">c2jrrA</a>	Alignment	not modelled	11.8	15	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> solution nmr structure of q5lls5 from silicibacter2 pomeroyi. northeast structural genomics consortium target3 sir90
97	<a href="#">c4o1jB</a>	Alignment	not modelled	11.6	17	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> carbonic anhydrase; <b>PDBTitle:</b> crystal structures of two tetrameric beta-carbonic anhydrases from the2 filamentous ascomycete sordaria macrospora.
98	<a href="#">d2c42a2</a>	Alignment	not modelled	11.2	0	<b>Fold:</b> Thiamin diphosphate-binding fold (THDP-binding) <b>Superfamily:</b> Thiamin diphosphate-binding fold (THDP-binding) <b>Family:</b> PFOR PP module
99	<a href="#">d1ubdc1</a>	Alignment	not modelled	10.3	33	<b>Fold:</b> beta-beta-alpha zinc fingers <b>Superfamily:</b> beta-beta-alpha zinc fingers <b>Family:</b> Classic zinc finger, C2H2