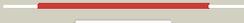
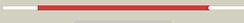
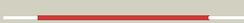
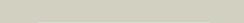
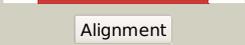
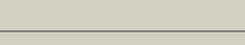


# Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD0812 (-) _906426_907295
Date	Fri Jul 26 01:50:39 BST 2019
Unique Job ID	3a0f0e734bf23f15

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c4ce5A_</a>	 Alignment		100.0	19	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> at-omegata; <b>PDBTitle:</b> first crystal structure of an (r)-selective omega-transaminase2 from aspergillus terreus
2	<a href="#">c3wwjE_</a>	 Alignment		100.0	19	<b>PDB header:</b> transferase <b>Chain:</b> E: <b>PDB Molecule:</b> (r)-amine transaminase; <b>PDBTitle:</b> crystal structure of an engineered sitagliptin-producing transaminase,2 ata-117-rd11
3	<a href="#">c4tviB_</a>	 Alignment		100.0	19	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> aminotransferase, class iv; <b>PDBTitle:</b> x-ray crystal structure of an aminotransferase from brucella abortus2 bound to the co-factor plp
4	<a href="#">c5cm0A_</a>	 Alignment		100.0	24	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> branched-chain transaminase; <b>PDBTitle:</b> crystal structure of branched-chain aminotransferase from thermophilic2 archaea geoglobus acetivorans
5	<a href="#">d1i2ka_</a>	 Alignment		100.0	20	<b>Fold:</b> D-aminoacid aminotransferase-like PLP-dependent enzymes <b>Superfamily:</b> D-aminoacid aminotransferase-like PLP-dependent enzymes <b>Family:</b> D-aminoacid aminotransferase-like PLP-dependent enzymes
6	<a href="#">c3u0gA_</a>	 Alignment		100.0	18	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> putative branched-chain amino acid aminotransferase ilve; <b>PDBTitle:</b> crystal structure of branched-chain amino acid aminotransferase from2 burkholderia pseudomallei
7	<a href="#">d1iyea_</a>	 Alignment		100.0	21	<b>Fold:</b> D-aminoacid aminotransferase-like PLP-dependent enzymes <b>Superfamily:</b> D-aminoacid aminotransferase-like PLP-dependent enzymes <b>Family:</b> D-aminoacid aminotransferase-like PLP-dependent enzymes
8	<a href="#">c1wrvB_</a>	 Alignment		100.0	17	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> branched-chain amino acid aminotransferase; <b>PDBTitle:</b> crystal structure of t.th.hb8 branched-chain amino acid2 aminotransferase
9	<a href="#">c5ce8B_</a>	 Alignment		100.0	21	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> branched-chain amino acid aminotransferase; <b>PDBTitle:</b> crystal structure of branched-chain aminotransferase from thermophilic2 archaea thermoproteus uzoniensis
10	<a href="#">d1daaa_</a>	 Alignment		100.0	19	<b>Fold:</b> D-aminoacid aminotransferase-like PLP-dependent enzymes <b>Superfamily:</b> D-aminoacid aminotransferase-like PLP-dependent enzymes <b>Family:</b> D-aminoacid aminotransferase-like PLP-dependent enzymes
11	<a href="#">c5k3wA_</a>	 Alignment		100.0	42	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> cputa1; <b>PDBTitle:</b> structural characterisation of fold iv-transaminase, cputa1, from2 curtobacterium pusillum

12	<a href="#">c6h65A</a>	 Alignment		100.0	18	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> branched-chain-amino-acid aminotransferase; <b>PDBTitle:</b> crystal structure of the branched-chain-amino-acid aminotransferase2 from haliangium ochraceum
13	<a href="#">c2xpfB</a>	 Alignment		100.0	25	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> 4-amino-4-deoxychorismate lyase; <b>PDBTitle:</b> crystal structure of putative aminodeoxychorismate lyase2 from pseudomonas aeruginosa
14	<a href="#">c3cswB</a>	 Alignment		100.0	19	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> putative branched-chain-amino-acid aminotransferase; <b>PDBTitle:</b> crystal structure of a putative branched-chain amino acid2 aminotransferase (tm0831) from thermotoga maritima at 2.15 a3 resolution
15	<a href="#">c6nstD</a>	 Alignment		100.0	22	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> branched-chain-amino-acid aminotransferase; <b>PDBTitle:</b> crystal structure of branched chain amino acid aminotransferase from2 pseudomonas aeruginosa
16	<a href="#">c6gkrC</a>	 Alignment		100.0	19	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> branched-chain-amino-acid aminotransferase; <b>PDBTitle:</b> crystal structure of branched-chain amino acid aminotransferase from2 thermobaculum terrenum in plp-form (holo-form)
17	<a href="#">c4m0jA</a>	 Alignment		100.0	28	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> d-amino acid aminotransferase; <b>PDBTitle:</b> crystal structure of a d-amino acid aminotransferase from burkholderia2 thailandensis e264
18	<a href="#">c6bb9A</a>	 Alignment		100.0	22	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> 4-amino-4-deoxychorismate lyase; <b>PDBTitle:</b> the crystal structure of 4-amino-4-deoxychorismate lyase from2 salmonella typhimurium lt2
19	<a href="#">c4jxuB</a>	 Alignment		100.0	21	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> putative aminotransferase; <b>PDBTitle:</b> structure of aminotransferase ilve2 from sinorhizobium meliloti2 complexed with plp
20	<a href="#">c3dtfB</a>	 Alignment		100.0	21	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> branched-chain amino acid aminotransferase; <b>PDBTitle:</b> structural analysis of mycobacterial branched chain aminotransferase-2 implications for inhibitor design
21	<a href="#">c4dqnA</a>	 Alignment	not modelled	100.0	18	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> putative branched-chain amino acid aminotransferase ilve; <b>PDBTitle:</b> crystal structure of the branched-chain aminotransferase from2 streptococcus mutans
22	<a href="#">d2a1ha1</a>	 Alignment	not modelled	100.0	18	<b>Fold:</b> D-aminoacid aminotransferase-like PLP-dependent enzymes <b>Superfamily:</b> D-aminoacid aminotransferase-like PLP-dependent enzymes <b>Family:</b> D-aminoacid aminotransferase-like PLP-dependent enzymes
23	<a href="#">c3uzbA</a>	 Alignment	not modelled	100.0	19	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> branched-chain-amino-acid aminotransferase; <b>PDBTitle:</b> crystal structures of branched-chain aminotransferase from deinococcus2 radiodurans complexes with alpha-ketoisocaproate and l-glutamate3 suggest its radio-resistance for catalysis
24	<a href="#">c2abjG</a>	 Alignment	not modelled	100.0	18	<b>PDB header:</b> transferase <b>Chain:</b> G: <b>PDB Molecule:</b> branched-chain-amino-acid aminotransferase, cytosolic; <b>PDBTitle:</b> crystal structure of human branched chain amino acid transaminase in a2 complex with an inhibitor, c16h10n2o4f3scl, and pyridoxal 5'3 phosphate.
25	<a href="#">c3luIA</a>	 Alignment	not modelled	100.0	22	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> 4-amino-4-deoxychorismate lyase; <b>PDBTitle:</b> crystal structure of putative 4-amino-4-deoxychorismate lyase.2 (yp_094631.1) from legionella pneumophila subsp. pneumophila str.3 philadelphia 1 at 1.78 a resolution
26	<a href="#">c2zgiA</a>	 Alignment	not modelled	100.0	22	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> putative 4-amino-4-deoxychorismate lyase; <b>PDBTitle:</b> crystal structure of putative 4-amino-4-deoxychorismate lyase
27	<a href="#">c3snoA</a>	 Alignment	not modelled	100.0	37	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical aminotransferase; <b>PDBTitle:</b> crystal structure of a putative aminotransferase (ncgl2491) from2 corynebacterium glutamicum atcc 13032 at 1.60 a

						resolution
28	<a href="#">c3qqmD_</a>	Alignment	not modelled	100.0	18	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> mlr3007 protein; <b>PDBTitle:</b> crystal structure of a putative amino-acid aminotransferase2 (np_104211.1) from mesorhizobium loti at 2.30 a resolution
29	<a href="#">c3cebA_</a>	Alignment	not modelled	100.0	20	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> d-aminoacid aminotransferase-like plp-dependent enzyme; <b>PDBTitle:</b> crystal structure of a putative 4-amino-4-deoxychorismate lyase2 (hs_0128) from haemophilus somnus 129pt at 2.40 a resolution
30	<a href="#">c4k6nA_</a>	Alignment	not modelled	100.0	14	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> aminodeoxychorismate lyase; <b>PDBTitle:</b> crystal structure of yeast 4-amino-4-deoxychorismate lyase
31	<a href="#">d1aw9a2</a>	Alignment	not modelled	49.8	11	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
32	<a href="#">d1jlvA2</a>	Alignment	not modelled	49.4	13	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
33	<a href="#">d1ljra2</a>	Alignment	not modelled	48.4	11	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
34	<a href="#">c3zjIA_</a>	Alignment	not modelled	47.5	8	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> thioredoxin; <b>PDBTitle:</b> crystal structure of the thioredoxin-like protein bc3987
35	<a href="#">d2r48a1</a>	Alignment	not modelled	47.1	16	<b>Fold:</b> Phosphotyrosine protein phosphatases I-like <b>Superfamily:</b> PTS system IIB component-like <b>Family:</b> PTS system, Fructose specific IIB subunit-like
36	<a href="#">d2r4qa1</a>	Alignment	not modelled	45.1	22	<b>Fold:</b> Phosphotyrosine protein phosphatases I-like <b>Superfamily:</b> PTS system IIB component-like <b>Family:</b> PTS system, Fructose specific IIB subunit-like
37	<a href="#">d1axda2</a>	Alignment	not modelled	44.6	9	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
38	<a href="#">c4tr1A_</a>	Alignment	not modelled	38.2	10	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> glutaredoxin 3; <b>PDBTitle:</b> crystal structure of gsh-bound cgrx2/c15s
39	<a href="#">d1k3ya2</a>	Alignment	not modelled	37.1	16	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
40	<a href="#">d1pn9a2</a>	Alignment	not modelled	34.8	13	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
41	<a href="#">d2fnoa2</a>	Alignment	not modelled	33.6	11	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
42	<a href="#">d1v2aa2</a>	Alignment	not modelled	31.8	13	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
43	<a href="#">d1gnwa2</a>	Alignment	not modelled	31.6	8	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
44	<a href="#">c4ielB_</a>	Alignment	not modelled	30.7	9	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> glutathione s-transferase, n-terminal domain protein; <b>PDBTitle:</b> crystal structure of a glutathione s-transferase family protein from2 burkholderia ambifaria, target efi-507141, with bound glutathione
45	<a href="#">d1oyja2</a>	Alignment	not modelled	30.0	18	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
46	<a href="#">d1r5aa2</a>	Alignment	not modelled	29.6	14	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
47	<a href="#">c4jbbA_</a>	Alignment	not modelled	29.0	12	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> putative glutathione s-transferase; <b>PDBTitle:</b> crystal structure of glutathione s-transferase a6tby7(target efi-2 507184) from klebsiella pneumoniae mgh 78578, gsh complex
48	<a href="#">c4gxzB_</a>	Alignment	not modelled	28.2	7	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> suppression of copper sensitivity protein; <b>PDBTitle:</b> crystal structure of a periplasmic thioredoxin-like protein from2 salmonella enterica serovar typhimurium
49	<a href="#">d1e6ba2</a>	Alignment	not modelled	28.2	8	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
50	<a href="#">c2kixA_</a>	Alignment	not modelled	25.4	5	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> glutaredoxin; <b>PDBTitle:</b> solution structure of glutaredoxin from bartonella henselae str.2 houston
51	<a href="#">c2mvfA_</a>	Alignment	not modelled	23.9	22	<b>PDB header:</b> ribosomal protein <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> structural insight into an essential assembly factor network on the2 pre-ribosome
52	<a href="#">d1t1va_</a>	Alignment	not modelled	23.2	4	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> SH3BGR (SH3-binding, glutamic acid-rich protein-like)
						<b>Fold:</b> Thioredoxin fold

53	<a href="#">d1r7ha_</a>	Alignment	not modelled	23.2	15	<b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Thioltransferase
54	<a href="#">d1nm3a1</a>	Alignment	not modelled	22.1	15	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Thioltransferase
55	<a href="#">d1ev4a2</a>	Alignment	not modelled	21.2	13	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
56	<a href="#">c5xxuE</a>	Alignment	not modelled	20.9	9	<b>PDB header:</b> ribosome <b>Chain:</b> E: <b>PDB Molecule:</b> ribosomal protein es4; <b>PDBTitle:</b> small subunit of toxoplasma gondii ribosome
57	<a href="#">d1pd212</a>	Alignment	not modelled	20.0	13	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
58	<a href="#">c6k4eB</a>	Alignment	not modelled	19.7	14	<b>PDB header:</b> signaling protein <b>Chain:</b> B: <b>PDB Molecule:</b> hamp domain-containing protein; <b>PDBTitle:</b> siaa-pp2c domain of pseudomonas aeruginosa
59	<a href="#">d1h75a_</a>	Alignment	not modelled	19.3	8	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Thioltransferase
60	<a href="#">c2cb1A</a>	Alignment	not modelled	19.2	12	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> o-acetyl homoserine sulfhydrylase; <b>PDBTitle:</b> crystal structure of o-acetyl homoserine sulfhydrylase2 from thermus thermophilus hb8,oah2.
61	<a href="#">d2c4ja2</a>	Alignment	not modelled	19.0	5	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
62	<a href="#">c4ri7A</a>	Alignment	not modelled	18.7	6	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> phi class glutathione transferase gstf1; <b>PDBTitle:</b> crystal structure of poplar glutathione transferase f1 mutant ser 132 cys
63	<a href="#">d1xw6a2</a>	Alignment	not modelled	18.4	6	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
64	<a href="#">d1tw9a2</a>	Alignment	not modelled	18.3	13	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
65	<a href="#">c6em5r_</a>	Alignment	not modelled	17.8	21	<b>PDB header:</b> ribosome <b>Chain:</b> R: <b>PDB Molecule:</b> 60s ribosomal protein l19-a; <b>PDBTitle:</b> state d architectural model (nsa1-tap flag-ytm1) - visualizing the2 assembly pathway of nucleolar pre-60s ribosomes
66	<a href="#">c3ic4A</a>	Alignment	not modelled	17.7	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> glutaredoxin (grx-1); <b>PDBTitle:</b> the crystal structure of the glutaredoxin(grx-1) from archaeoglobus2 fulgidus
67	<a href="#">c5dleD</a>	Alignment	not modelled	17.4	18	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> pts system, fructose-specific iiabc component; <b>PDBTitle:</b> crystal structure from a domain (thr161-f265) from fructose-specific2 iiabc component (pts system) from borrelia burgdorferi
68	<a href="#">c3ipzA</a>	Alignment	not modelled	16.6	9	<b>PDB header:</b> electron transport, oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> monothiol glutaredoxin-s14, chloroplastic; <b>PDBTitle:</b> crystal structure of arabidopsis monothiol glutaredoxin atgrxcp
69	<a href="#">d1fova_</a>	Alignment	not modelled	16.4	8	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Thioltransferase
70	<a href="#">d2gsta2</a>	Alignment	not modelled	16.2	8	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
71	<a href="#">d1tu7a2</a>	Alignment	not modelled	16.0	2	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
72	<a href="#">c3qmxA</a>	Alignment	not modelled	15.9	6	<b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> glutaredoxin a; <b>PDBTitle:</b> x-ray crystal structure of synechocystis sp. pcc 6803 glutaredoxin a
73	<a href="#">c6f01B</a>	Alignment	not modelled	15.9	8	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> glutathione s-transferase f9; <b>PDBTitle:</b> arabidopsis thaliana gstf9, gso3 and gsoh bound
74	<a href="#">c1jlvA</a>	Alignment	not modelled	15.6	14	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> glutathione transferase gst1-3; <b>PDBTitle:</b> anopheles dirus species b glutathione s-transferases 1-3
75	<a href="#">d1fhea2</a>	Alignment	not modelled	15.0	11	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
76	<a href="#">c1ua5A</a>	Alignment	not modelled	14.9	4	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> glutathione s-transferase; <b>PDBTitle:</b> non-fusion gst from s. japonicum in complex with glutathione
77	<a href="#">d2gk3a1</a>	Alignment	not modelled	14.7	32	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Class I glutamine amidotransferase-like <b>Family:</b> STM3548-like
78	<a href="#">c2kd2A</a>	Alignment	not modelled	14.6	18	<b>PDB header:</b> apoptosis <b>Chain:</b> A: <b>PDB Molecule:</b> fas apoptotic inhibitory molecule 1; <b>PDBTitle:</b> nmr structure of faim-ctd
79	<a href="#">c2m1zA</a>	Alignment	not modelled	14.2	21	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> lmo0427 protein; <b>PDBTitle:</b> solution structure of uncharacterized protein lmo0427

80	<a href="#">d2hqya2</a>	Alignment	not modelled	13.6	14	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> FemXAB nonribosomal peptidyltransferases
81	<a href="#">d1jlwa2</a>	Alignment	not modelled	13.6	11	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
82	<a href="#">d1ml6a2</a>	Alignment	not modelled	13.5	11	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
83	<a href="#">c4jxdA_</a>	Alignment	not modelled	13.4	12	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> fructose-like phosphotransferase enzyme iib component 3; <b>PDBTitle:</b> crystal structure of predicted fructose specific iib from escherichia2 coli
84	<a href="#">d1k0dd2</a>	Alignment	not modelled	13.3	9	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
85	<a href="#">d2nv0a1</a>	Alignment	not modelled	13.2	21	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Class I glutamine amidotransferase-like <b>Family:</b> Class I glutamine amidotransferases (GAT)
86	<a href="#">c2jl4A_</a>	Alignment	not modelled	12.9	12	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> maleylpyruvate isomerase; <b>PDBTitle:</b> holo structure of maleyl pyruvate isomerase, a bacterial2 glutathione-s-transferase in zeta class
87	<a href="#">c4pqia_</a>	Alignment	not modelled	12.8	8	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> in2-1 family protein, glutathione transferase lambda3; <b>PDBTitle:</b> crystal structure of glutathione transferase lambda3 from populus2 trichocarpa
88	<a href="#">c3h1nA_</a>	Alignment	not modelled	12.7	14	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> probable glutathione s-transferase; <b>PDBTitle:</b> crystal structure of probable glutathione s-transferase from2 bordetella bronchiseptica rb50
89	<a href="#">c3zf7g_</a>	Alignment	not modelled	12.4	7	<b>PDB header:</b> ribosome <b>Chain:</b> G: <b>PDB Molecule:</b> <b>PDBTitle:</b> high-resolution cryo-electron microscopy structure of the trypanosoma2 brucei ribosome
90	<a href="#">d1b48a2</a>	Alignment	not modelled	12.2	13	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
91	<a href="#">d2fhea2</a>	Alignment	not modelled	12.1	9	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
92	<a href="#">d2gsqa2</a>	Alignment	not modelled	12.1	18	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
93	<a href="#">d2cvda2</a>	Alignment	not modelled	12.1	11	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
94	<a href="#">c6cfzj_</a>	Alignment	not modelled	12.0	31	<b>PDB header:</b> nuclear protein <b>Chain:</b> J: <b>PDB Molecule:</b> spc34; <b>PDBTitle:</b> structure of the dash/dam1 complex shows its role at the yeast2 kinetochore-microtubule interface
95	<a href="#">d1duga2</a>	Alignment	not modelled	11.9	5	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
96	<a href="#">c2agaA_</a>	Alignment	not modelled	11.2	8	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> machado-joseph disease protein 1; <b>PDBTitle:</b> de-ubiquitinating function of ataxin-3: insights from the2 solution structure of the josephin domain
97	<a href="#">c6hq9A_</a>	Alignment	not modelled	11.2	15	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> dna excision repair protein ercc-6-like 2; <b>PDBTitle:</b> crystal structure of the tudor domain of human ercc6-l2
98	<a href="#">c4h5fB_</a>	Alignment	not modelled	11.1	13	<b>PDB header:</b> transport protein <b>Chain:</b> B: <b>PDB Molecule:</b> amino acid abc superfamily atp binding cassette <b>PDBTitle:</b> crystal structure of an amino acid abc transporter substrate-binding2 protein from streptococcus pneumoniae canada mdr_19a bound to l-3 arginine, form 1
99	<a href="#">c5g5aC_</a>	Alignment	not modelled	11.1	14	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> glutathione s-transferase u25; <b>PDBTitle:</b> glutathione transferase u25 from arabidopsis thaliana in complex with2 glutathione disulfide