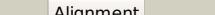
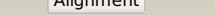
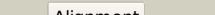
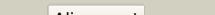
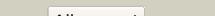
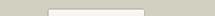
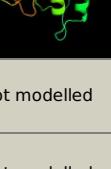


Phyre²

Email	mdejesus@rockefeller.edu
Description	RVBD2964_(purU)_3316539_3317471
Date	Thu Aug 8 16:20:12 BST 2019
Unique Job ID	1aa288ec1dbea846

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3w7bB_	 Alignment		100.0	58	PDB header: hydrolase Chain: B; PDB Molecule: formyltetrahydrofolate deformylase; PDBTitle: crystal structure of formyltetrahydrofolate deformylase from thermus2 thermophilus hb8
2	c3o1lB_	 Alignment		100.0	45	PDB header: hydrolase Chain: B; PDB Molecule: formyltetrahydrofolate deformylase; PDBTitle: crystal structure of a formyltetrahydrofolate deformylase (pspto_4314)2 from pseudomonas syringae pv. tomato str. dc3000 at 2.20 a resolution
3	c3obiC_	 Alignment		100.0	45	PDB header: hydrolase Chain: C; PDB Molecule: formyltetrahydrofolate deformylase; PDBTitle: crystal structure of a formyltetrahydrofolate deformylase (np_949368)2 from rhodopseudomonas palustris cga009 at 1.95 a resolution
4	c3louB_	 Alignment		100.0	43	PDB header: hydrolase Chain: B; PDB Molecule: formyltetrahydrofolate deformylase; PDBTitle: crystal structure of formyltetrahydrofolate deformylase (yp_105254.1)2 from burkholderia mallei atcc 23344 at 1.90 a resolution
5	c3n0vD_	 Alignment		100.0	36	PDB header: hydrolase Chain: D; PDB Molecule: formyltetrahydrofolate deformylase; PDBTitle: crystal structure of a formyltetrahydrofolate deformylase (pp_0327)2 from pseudomonas putida kt2440 at 2.25 a resolution
6	c3nrbd_	 Alignment		100.0	46	PDB header: hydrolase Chain: D; PDB Molecule: formyltetrahydrofolate deformylase; PDBTitle: crystal structure of a formyltetrahydrofolate deformylase (puru_2 pp_1943) from pseudomonas putida kt2440 at 2.05 a resolution
7	c3aufA_	 Alignment		100.0	31	PDB header: transferase Chain: A; PDB Molecule: glycinamide ribonucleotide transformylase 1; PDBTitle: crystal structure of glycinamide ribonucleotide transformylase 1 from2 symbiobacterium toebii
8	c2ywra_	 Alignment		100.0	32	PDB header: transferase Chain: A; PDB Molecule: phosphoribosylglycinamide formyltransferase; PDBTitle: crystal structure of gar transformylase from aquifex aeolicus
9	d1jkxa_	 Alignment		100.0	27	Fold: Formyltransferase Superfamily: Formyltransferase Family: Formyltransferase
10	c3p9xB_	 Alignment		100.0	30	PDB header: transferase Chain: B; PDB Molecule: phosphoribosylglycinamide formyltransferase; PDBTitle: crystal structure of phosphoribosylglycinamide formyltransferase from2 bacillus halodurans
11	c3tqra_	 Alignment		100.0	27	PDB header: transferase Chain: A; PDB Molecule: phosphoribosylglycinamide formyltransferase; PDBTitle: structure of the phosphoribosylglycinamide formyltransferase (purn) in2 complex with ches from coxiella burnetii

12	c3av3A	Alignment		100.0	28	PDB header: transferase Chain: A: PDB Molecule: phosphoribosylglycinamide formyltransferase; PDBTitle: crystal structure of glycinamide ribonucleotide transformylase 1 from2 geobacillus kaustophilus
13	d1meoa	Alignment		100.0	29	Fold: Formyltransferase Superfamily: Formyltransferase Family: Formyltransferase
14	c3dcjA	Alignment		100.0	29	PDB header: transferase Chain: A: PDB Molecule: probable 5'-phosphoribosylglycinamide formyltransferase PDBTitle: crystal structure of glycinamide formyltransferase (purn) from2 mycobacterium tuberculosis in complex with 5-methyl-5,6,7,8-3 tetrahydrofolic acid derivative
15	c3kcqA	Alignment		100.0	30	PDB header: transferase Chain: A: PDB Molecule: phosphoribosylglycinamide formyltransferase; PDBTitle: crystal structure of phosphoribosylglycinamide formyltransferase from2 anaplasma phagocytophilum
16	c4ds3A	Alignment		100.0	28	PDB header: transferase Chain: A: PDB Molecule: phosphoribosylglycinamide formyltransferase; PDBTitle: crystal structure of phosphoribosylglycinamide formyltransferase from2 brucella melitensis
17	c4s1nA	Alignment		100.0	27	PDB header: transferase Chain: A: PDB Molecule: phosphoribosylglycinamide formyltransferase; PDBTitle: the crystal structure of phosphoribosylglycinamide formyltransferase2 from streptococcus pneumoniae tigr4
18	c5cjA	Alignment		100.0	28	PDB header: transferase Chain: A: PDB Molecule: phosphoribosylglycinamide formyltransferase; PDBTitle: the crystal structure of phosphoribosylglycinamide formyltransferase2 from campylobacter jejuni subsp. jejuni nctc 11168
19	d1fmta2	Alignment		100.0	22	Fold: Formyltransferase Superfamily: Formyltransferase Family: Formyltransferase
20	d1s3ia2	Alignment		100.0	21	Fold: Formyltransferase Superfamily: Formyltransferase Family: Formyltransferase
21	c1z7eC	Alignment	not modelled	100.0	16	PDB header: hydrolase Chain: C: PDB Molecule: protein arna; PDBTitle: crystal structure of full length arna
22	c1fmtA	Alignment	not modelled	100.0	22	PDB header: formyltransferase Chain: A: PDB Molecule: methionyl-tRNA fmet formyltransferase; PDBTitle: methionyl-tRNAfmet formyltransferase from escherichia coli
23	d2blna2	Alignment	not modelled	100.0	16	Fold: Formyltransferase Superfamily: Formyltransferase Family: Formyltransferase
24	c3tqqA	Alignment	not modelled	100.0	24	PDB header: transferase Chain: A: PDB Molecule: methionyl-tRNA formyltransferase; PDBTitle: structure of the methionyl-tRNA formyltransferase (fmt) from coxiella2 burnetii
25	d2bw0a2	Alignment	not modelled	100.0	20	Fold: Formyltransferase Superfamily: Formyltransferase Family: Formyltransferase
26	c3rfoA	Alignment	not modelled	100.0	25	PDB header: transferase Chain: A: PDB Molecule: methionyl-tRNA formyltransferase; PDBTitle: crystal structure of methionyl-tRNA formyltransferase from bacillus2 anthracis
27	c1yrwA	Alignment	not modelled	100.0	16	PDB header: transferase Chain: A: PDB Molecule: protein arna; PDBTitle: crystal structure of e.coli arna transformylase domain
28	c5uaiA	Alignment	not modelled	100.0	25	PDB header: transferase Chain: A: PDB Molecule: methionyl-tRNA formyltransferase; PDBTitle: crystal structure of methionyl-tRNA formyltransferase from pseudomonas2 aeruginosa
29	c1s3iA	Alignment	not modelled	100.0	21	PDB header: hydrolase, oxidoreductase Chain: A: PDB Molecule: 10-formyltetrahydrofolate dehydrogenase; PDBTitle: crystal structure of the n terminal hydrolase domain of

						10-2 formyltetrahydrofolate dehydrogenase
30	c3q0iA	Alignment	not modelled	100.0	22	PDB header: transferase Chain: A: PDB Molecule: methionyl-trna formyltransferase; PDBTitle: methionyl-trna formyltransferase from vibrio cholerae
31	c4nv1D	Alignment	not modelled	100.0	18	PDB header: transferase Chain: D: PDB Molecule: formyltransferase; PDBTitle: crystal structure of a 4-n formyltransferase from francisella2 tularensis
32	c4pzuf	Alignment	not modelled	100.0	20	PDB header: transferase Chain: F: PDB Molecule: uncharacterized protein rv3404c/m3512; PDBTitle: crystal structure of a putative uncharacterize protein rv3404c and2 likely sugar n-formyltransferase from mycobacterium tuberculosis
33	c6nbpa	Alignment	not modelled	100.0	19	PDB header: transferase Chain: A: PDB Molecule: n-formyltransferase; PDBTitle: crystal structure of a sugar n-formyltransferase from the plant2 pathogen pantoea ananatis
34	c5vytD	Alignment	not modelled	100.0	19	PDB header: transferase Chain: D: PDB Molecule: gdp-mannose 4,6-dehydratase / gdp-4-amino-4,6-dideoxy-d- PDBTitle: crystal structure of the wbkc n-formyltransferase (f142a variant) from2 brucella melitensis
35	c4yfvA	Alignment	not modelled	100.0	19	PDB header: transferase Chain: A: PDB Molecule: viof; PDBTitle: x-ray structure of the 4-n-formyltransferase viof from providencia2 alcalifaciens o30
36	c6ci2A	Alignment	not modelled	100.0	21	PDB header: transferase Chain: A: PDB Molecule: formyltransferase psej; PDBTitle: crystal structure of the formyltransferase psej from anoxybacillus2 kamchatkensis
37	c5uimB	Alignment	not modelled	100.0	15	PDB header: transferase Chain: B: PDB Molecule: formyltransferase; PDBTitle: x-ray structure of the fdtf n-formyltransferase from salmonella2 enteric o60 in complex with folinic acid and tdp-qui3n
38	c4lxuB	Alignment	not modelled	100.0	20	PDB header: transferase Chain: B: PDB Molecule: wlard, a sugar 3n-formyl transferase; PDBTitle: dtdp-fuc3n and 5-n-formyl-thf
39	d1zgha2	Alignment	not modelled	100.0	16	Fold: Formyltransferase Superfamily: Formyltransferase Family: Formyltransferase
40	c1zghA	Alignment	not modelled	100.0	15	PDB header: transferase Chain: A: PDB Molecule: methionyl-trna formyltransferase; PDBTitle: methionyl-trna formyltransferase from clostridium thermocellum
41	c4xd0A	Alignment	not modelled	99.8	16	PDB header: transferase Chain: A: PDB Molecule: tdp-3-aminoquinovose-n-formyltransferase; PDBTitle: x-ray structure of the n-formyltransferase qdtf from providencia2 alcalifaciens
42	d1zpva1	Alignment	not modelled	99.6	21	Fold: Ferredoxin-like Superfamily: ACT-like Family: SPO238-like
43	c1u8sB	Alignment	not modelled	99.4	12	PDB header: transcription Chain: B: PDB Molecule: glycine cleavage system transcriptional PDBTitle: crystal structure of putative glycine cleavage system2 transcriptional repressor
44	d1u8sa1	Alignment	not modelled	99.4	17	Fold: Ferredoxin-like Superfamily: ACT-like Family: Glycine cleavage system transcriptional repressor
45	d1u8sa2	Alignment	not modelled	99.2	14	Fold: Ferredoxin-like Superfamily: ACT-like Family: Glycine cleavage system transcriptional repressor
46	c2nyiB	Alignment	not modelled	99.0	18	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: unknown protein; PDBTitle: crystal structure of an unknown protein from galdieria sulphuraria
47	c6culG	Alignment	not modelled	98.2	26	PDB header: transferase Chain: G: PDB Molecule: pyoverdine synthetase f; PDBTitle: pdvf of pyoverdin biosynthesis is a structurally unique n10-2 formyltetrahydrofolate-dependent formyltransferase
48	c3p96A	Alignment	not modelled	97.8	19	PDB header: hydrolase Chain: A: PDB Molecule: phosphoserine phosphatase serb; PDBTitle: crystal structure of phosphoserine phosphatase serb from mycobacterium2 avium, native form
49	c3ibwA	Alignment	not modelled	97.1	11	PDB header: transferase Chain: A: PDB Molecule: gtp pyrophosphokinase; PDBTitle: crystal structure of the act domain from gtp pyrophosphokinase of2 chlorobium tepidum. northeast structural genomics consortium target3 ctr148a
50	d1ygya3	Alignment	not modelled	97.0	22	Fold: Ferredoxin-like Superfamily: ACT-like Family: Phosphoglycerate dehydrogenase, regulatory (C-terminal) domain
51	d1sc6a3	Alignment	not modelled	97.0	18	Fold: Ferredoxin-like Superfamily: ACT-like Family: Phosphoglycerate dehydrogenase, regulatory (C-terminal) domain
52	c1ygyA	Alignment	not modelled	96.7	21	PDB header: oxidoreductase Chain: A: PDB Molecule: d-3-phosphoglycerate dehydrogenase; PDBTitle: crystal structure of d-3-phosphoglycerate dehydrogenase from2 mycobacterium tuberculosis
53	c5uscB	Alignment	not modelled	96.1	22	PDB header: hydrolase Chain: B: PDB Molecule: prephenate dehydrogenase; PDBTitle: crystal structure of prephenate dehydrogenase tyra from bacillus2 anthracis in complex with nad and l-tyrosine
54	c1y7pb	Alignment	not modelled	95.8	19	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: hypothetical protein af1403; PDBTitle: 1.9 a crystal structure of a protein of unknown function2 af1403 from archaeoglobus fulgidus, probable metabolic3 regulator

55	d1ru8a		Alignment	not modelled	95.6	19	Fold: Adenine nucleotide alpha hydrolase-like Superfamily: Adenine nucleotide alpha hydrolases-like Family: N-type ATP pyrophosphatases
56	c2lvwA		Alignment	not modelled	95.2	14	PDB header: transferase Chain: A: PDB Molecule: acetolactate synthase isozyme 1 small subunit; PDBTitle: solution nmr studies of the dimeric regulatory subunit ilvn of the2 e.coli acetohydroxyacid synthase i (ahas i)
57	c2fgcA		Alignment	not modelled	94.9	24	PDB header: transferase Chain: A: PDB Molecule: acetolactate synthase, small subunit; PDBTitle: crystal structure of acetolactate synthase- small subunit from2 thermotoga maritima
58	d2fgca2		Alignment	not modelled	94.8	24	Fold: Ferredoxin-like Superfamily: ACT-like Family: IlvH-like
59	c2pc6C		Alignment	not modelled	94.8	14	PDB header: lyase Chain: C: PDB Molecule: probable acetolactate synthase isozyme iii (small subunit); PDBTitle: crystal structure of putative acetolactate synthase- small subunit2 from nitrosomonas europaea
60	c3a14B		Alignment	not modelled	94.5	17	PDB header: oxidoreductase Chain: B: PDB Molecule: 1-deoxy-d-xylulose 5-phosphate reductoisomerase; PDBTitle: crystal structure of dxr from thermotoga maritima, in complex with2 nadph
61	c2f1fA		Alignment	not modelled	94.2	13	PDB header: transferase Chain: A: PDB Molecule: acetolactate synthase isozyme iii small subunit; PDBTitle: crystal structure of the regulatory subunit of acetohydroxyacid2 synthase isozyme iii from e. coli
62	d2pc6a2		Alignment	not modelled	93.9	22	Fold: Ferredoxin-like Superfamily: ACT-like Family: IlvH-like
63	c1ni5A		Alignment	not modelled	93.7	15	PDB header: cell cycle Chain: A: PDB Molecule: putative cell cycle protein mesj; PDBTitle: structure of the mesj pp-atpase from escherichia coli
64	d2f1fa1		Alignment	not modelled	93.5	21	Fold: Ferredoxin-like Superfamily: ACT-like Family: IlvH-like
65	c6dzsD		Alignment	not modelled	93.5	26	PDB header: oxidoreductase Chain: D: PDB Molecule: homoserine dehydrogenase; PDBTitle: mycobacterial homoserine dehydrogenase thra in complex with nadp
66	d1f0ka		Alignment	not modelled	93.1	16	Fold: UDP-Glycosyltransferase/glycogen phosphorylase Superfamily: UDP-Glycosyltransferase/glycogen phosphorylase Family: Peptidoglycan biosynthesis glycosyltransferase MurG
67	d1r0ka2		Alignment	not modelled	93.0	16	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
68	d1xi8a3		Alignment	not modelled	92.8	22	Fold: Molybdenum cofactor biosynthesis proteins Superfamily: Molybdenum cofactor biosynthesis proteins Family: MoeA central domain-like
69	c2e21A		Alignment	not modelled	92.5	19	PDB header: ligase Chain: A: PDB Molecule: tRNA(ile)-lysidine synthase; PDBTitle: crystal structure of tils in a complex with amppnp from aquifex2 aeolicus.
70	d2d13a1		Alignment	not modelled	91.9	27	Fold: Adenine nucleotide alpha hydrolase-like Superfamily: Adenine nucleotide alpha hydrolases-like Family: N-type ATP pyrophosphatases
71	c2f06B		Alignment	not modelled	91.6	18	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: conserved hypothetical protein; PDBTitle: crystal structure of protein bt0572 from bacteroides thetaiotaomicron
72	c1ofgF		Alignment	not modelled	91.6	13	PDB header: oxidoreductase Chain: F: PDB Molecule: glucose-fructose oxidoreductase; PDBTitle: glucose-fructose oxidoreductase
73	c1h6dL		Alignment	not modelled	91.5	13	PDB header: protein translocation Chain: L: PDB Molecule: precursor form of glucose-fructose oxidoreductase2 from zymomonas mobilis complexed with glycerol
74	d2f06a2		Alignment	not modelled	91.0	23	Fold: Ferredoxin-like Superfamily: ACT-like Family: BT0572-like
75	c3luyA		Alignment	not modelled	90.7	16	PDB header: isomerase Chain: A: PDB Molecule: probable chorismate mutase; PDBTitle: putative chorismate mutase from bifidobacterium adolescentis
76	c5g2rA		Alignment	not modelled	90.3	21	PDB header: transferase Chain: A: PDB Molecule: molybdopterin biosynthesis protein cnx1; PDBTitle: crystal structure of the mo-insertase domain cnx1e from2 arabidopsis thaliana
77	d1n5a1		Alignment	not modelled	90.1	17	Fold: Adenine nucleotide alpha hydrolase-like Superfamily: Adenine nucleotide alpha hydrolases-like Family: PP-loop ATPase
78	d1wu2a3		Alignment	not modelled	90.0	16	Fold: Molybdenum cofactor biosynthesis proteins Superfamily: Molybdenum cofactor biosynthesis proteins Family: MoeA central domain-like
79	c2jcyA		Alignment	not modelled	89.4	22	PDB header: oxidoreductase Chain: A: PDB Molecule: 1-deoxy-d-xylulose 5-phosphate reductoisomerase; PDBTitle: x-ray structure of mutant 1-deoxy-d-xylulose 5-phosphate2 reductoisomerase, dxr, rv2870c, from mycobacterium tuberculosis

80	d2ftsa3		Alignment	not modelled	89.4	22	Fold: Molybdenum cofactor biosynthesis proteins Superfamily: Molybdenum cofactor biosynthesis proteins Family: MoeA central domain-like
81	c3a2kB_		Alignment	not modelled	88.3	15	PDB header: ligase/rna Chain: B: PDB Molecule: trna(ile)-lysidine synthase; PDBTitle: crystal structure of tils complexed with trna
82	c2qmxB_		Alignment	not modelled	88.2	12	PDB header: ligase Chain: B: PDB Molecule: prephenate dehydratase; PDBTitle: the crystal structure of l-phe inhibited prephenate dehydratase from2 chlorobium tepidum tls
83	c3mtjA_		Alignment	not modelled	88.1	20	PDB header: oxidoreductase Chain: A: PDB Molecule: homoserine dehydrogenase; PDBTitle: the crystal structure of a homoserine dehydrogenase from thiobacillus2 denitrificans to 2.15a
84	c3s2uA_		Alignment	not modelled	88.1	17	PDB header: transferase Chain: A: PDB Molecule: udp-n-acetylglucosamine--n-acetylmuramyl-(pentapeptide) PDBTitle: crystal structure of the pseudomonas aeruginosa murg:udp-glcNAc2 substrate complex
85	d2f06a1		Alignment	not modelled	87.8	22	Fold: Ferredoxin-like Superfamily: ACT-like Family: BT0572-like
86	d1wy5a1		Alignment	not modelled	87.3	18	Fold: Adenine nucleotide alpha hydrolase-like Superfamily: Adenine nucleotide alpha hydrolases-like Family: PP-loop ATPase
87	c2nqqA_		Alignment	not modelled	87.1	21	PDB header: biosynthetic protein Chain: A: PDB Molecule: molybdopterin biosynthesis protein moea; PDBTitle: moea r137q
88	c1r0ID_		Alignment	not modelled	86.7	25	PDB header: oxidoreductase Chain: D: PDB Molecule: 1-deoxy-d-xylulose 5-phosphate reductoisomerase; PDBTitle: 1-deoxy-d-xylulose 5-phosphate reductoisomerase from zymomonas mobilis2 in complex with nadph
89	c5udwB_		Alignment	not modelled	86.5	11	PDB header: transferase Chain: B: PDB Molecule: lactate racemization operon protein lare; PDBTitle: lare, a sulfur transferase involved in synthesis of the cofactor for2 lactate racemase, in complex with nickel
90	c2fu3A_		Alignment	not modelled	85.9	21	PDB header: biosynthetic protein/structural protein Chain: A: PDB Molecule: gephyrin; PDBTitle: crystal structure of gephyrin e-domain
91	c2hmaA_		Alignment	not modelled	85.7	20	PDB header: transferase Chain: A: PDB Molecule: probable trna (5-methylaminomethyl-2-thiouridylate)- PDBTitle: the crystal structure of trna (5-methylaminomethyl-2-thiouridylate)-2 methyltransferase trmu from streptococcus pneumoniae
92	c4gmfD_		Alignment	not modelled	85.2	18	PDB header: oxidoreductase Chain: D: PDB Molecule: yersiniabactin biosynthetic protein ybtu; PDBTitle: apo structure of a thiazolinyl imine reductase from yersinia2 enterocolitica (irp3)
93	d1phza1		Alignment	not modelled	85.0	10	Fold: Ferredoxin-like Superfamily: ACT-like Family: Phenylalanine metabolism regulatory domain
94	c3e9mC_		Alignment	not modelled	84.8	10	PDB header: oxidoreductase Chain: C: PDB Molecule: oxidoreductase, gfo/idh/moca family; PDBTitle: crystal structure of an oxidoreductase from enterococcus2 faecalis
95	c5b3uB_		Alignment	not modelled	84.6	28	PDB header: transferase Chain: B: PDB Molecule: biliverdin reductase; PDBTitle: crystal structure of biliverdin reductase in complex with nadp+ from2 synchocystis sp. pcc 6803
96	c1uz5A_		Alignment	not modelled	84.2	16	PDB header: molybdopterin biosynthesis Chain: A: PDB Molecule: 402aa long hypothetical molybdopterin PDBTitle: the crystal structure of molybdopterin biosynthesis moea2 protein from pyrococcus horikosii
97	c2derA_		Alignment	not modelled	84.1	15	PDB header: transferase/rna Chain: A: PDB Molecule: trna-specific 2-thiouridylase mnma; PDBTitle: cocrystal structure of an rna sulfurylation enzyme mnma and2 trna-glu in the initial trna binding state
98	c3I76B_		Alignment	not modelled	83.7	33	PDB header: transferase Chain: B: PDB Molecule: aspartokinase; PDBTitle: crystal structure of aspartate kinase from synchocystis
99	c3bl5E_		Alignment	not modelled	83.4	16	PDB header: hydrolase Chain: E: PDB Molecule: queuosine biosynthesis protein quec; PDBTitle: crystal structure of quec from bacillus subtilis: an enzyme2 involved in preq1 biosynthesis
100	c4oh7B_		Alignment	not modelled	81.7	13	PDB header: transferase Chain: B: PDB Molecule: ornithine carbamoyltransferase; PDBTitle: crystal structure of ornithine carbamoyltransferase from brucella2 melitensis
101	d1uz5a3		Alignment	not modelled	81.2	22	Fold: Molybdenum cofactor biosynthesis proteins Superfamily: Molybdenum cofactor biosynthesis proteins Family: MoeA central domain-like
102	d2hmfa3		Alignment	not modelled	79.4	17	Fold: Ferredoxin-like Superfamily: ACT-like Family: Aspartokinase allosteric domain-like
103	c2nvwB_		Alignment	not modelled	79.3	8	PDB header: transcription Chain: B: PDB Molecule: galactose/lactose metabolism regulatory protein PDBTitle: crystal structure of transcriptional regulator gal80p from2 kluveromyces lactis
104	c2q8nB_		Alignment	not modelled	78.3	10	PDB header: isomerase Chain: B: PDB Molecule: glucose-6-phosphate isomerase; PDBTitle: crystal structure of glucose-6-phosphate isomerase (ec 5.3.1.9)2 (tm1385) from thermotoga maritima at 1.82 a resolution
							PDB header: oxidoreductase

105	c5i78A_		not modelled	76.9	15	Chain: A: PDB Molecule: alpha-aminoacidic semialdehyde synthase, mitochondrial; PDBTitle: crystal structure of human amino adipate semialdehyde synthase,2 saccharopine dehydrogenase domain (in nad+ bound form)
106	d1q0qa2		not modelled	76.5	15	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
107	c3s1tB_		not modelled	76.4	15	PDB header: transferase Chain: B: PDB Molecule: aspartokinase; PDBTitle: structure of the regulatory domain of aspartokinase (rv3709c; ak-beta)2 in complex with threonine from mycobacterium tuberculosis
108	d2nvwa1		not modelled	76.0	10	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
109	d1jsca3		not modelled	75.9	19	Fold: Thiamin diphosphate-binding fold (THDP-binding) Superfamily: Thiamin diphosphate-binding fold (THDP-binding) Family: Pyruvate oxidase and decarboxylase PP module
110	c3u3xJ_		not modelled	75.9	22	PDB header: oxidoreductase Chain: J: PDB Molecule: oxidoreductase; PDBTitle: crystal structure of a putative oxidoreductase from sinorhizobium2 meliloti 1021
111	c4gqaC_		not modelled	75.6	13	PDB header: oxidoreductase Chain: C: PDB Molecule: nad binding oxidoreductase; PDBTitle: crystal structure of nad binding oxidoreductase from klebsiella2 pneumoniae
112	c3q2kB_		not modelled	74.9	14	PDB header: oxidoreductase Chain: B: PDB Molecule: oxidoreductase; PDBTitle: crystal structure of the wiba dehydrogenase from bordetella pertussis2 in complex with nadh and udp-glcnac
113	c3rbvA_		not modelled	74.8	21	PDB header: sugar binding protein Chain: A: PDB Molecule: sugar 3-ketoreductase; PDBTitle: crystal structure of kijd10, a 3-ketoreductase from actinomadura2 kijaniata incomplex with nadp
114	c5fa0B_		not modelled	74.3	26	PDB header: transferase Chain: B: PDB Molecule: putative n-acetyl glucosaminyl transferase; PDBTitle: the structure of the beta-3-deoxy-d-manno-oct-2-ulosonic acid2 transferase domain from wbba
115	c1ybaC_		not modelled	74.2	30	PDB header: oxidoreductase Chain: C: PDB Molecule: d-3-phosphoglycerate dehydrogenase; PDBTitle: the active form of phosphoglycerate dehydrogenase
116	c4ycsC_		not modelled	73.2	13	PDB header: hydrolase Chain: C: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of putative lipoprotein from peptoclostridium2 difficile 630 (fragment)
117	c3gd5D_		not modelled	73.2	19	PDB header: transferase Chain: D: PDB Molecule: ornithine carbamoyltransferase; PDBTitle: crystal structure of ornithine carbamoyltransferase from gloeobacter2 violaceus
118	d1j8yf2		not modelled	73.0	15	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nitrogenase iron protein-like
119	c1xead_		not modelled	72.7	14	PDB header: oxidoreductase Chain: D: PDB Molecule: oxidoreductase, gfo/ih/moca family; PDBTitle: crystal structure of a gfo/ih/moca family oxidoreductase2 from vibrio cholerae
120	d1mvla_		not modelled	70.9	19	Fold: Homo-oligomeric flavin-containing Cys decarboxylases, HFCD Superfamily: Homo-oligomeric flavin-containing Cys decarboxylases, HFCD Family: Homo-oligomeric flavin-containing Cys decarboxylases, HFCD