

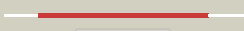





















Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD1745c_(idi)_1971387_1971998
Date	Fri Aug 2 13:30:35 BST 2019
Unique Job ID	8ba5d0f082a3c13c

Detailed template information


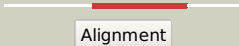
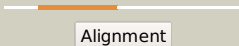
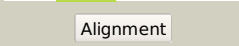
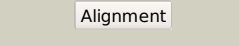

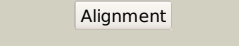
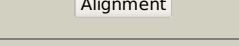
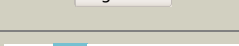

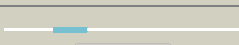

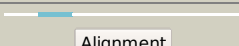
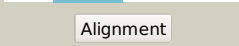
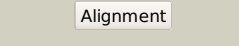

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2pnyA_	 Alignment		100.0	28	PDB header: isomerase Chain: A: PDB Molecule: isopentenyl-diphosphate delta-isomerase 2; PDBTitle: structure of human isopentenyl-diphosphate delta-isomerase 2
2	c2i6kA_	 Alignment		100.0	28	PDB header: isomerase Chain: A: PDB Molecule: isopentenyl-diphosphate delta-isomerase 1; PDBTitle: crystal structure of human type i ipp isomerase complexed with a2 substrate analog
3	d1ppva_	 Alignment		100.0	45	Fold: Nudix Superfamily: Nudix Family: !PP isomerase-like
4	d2fkba1	 Alignment		100.0	20	Fold: Nudix Superfamily: Nudix Family: !PP isomerase-like
5	d1hzta_	 Alignment		100.0	45	Fold: Nudix Superfamily: Nudix Family: !PP isomerase-like
6	d2o5fa1	 Alignment		100.0	25	Fold: Nudix Superfamily: Nudix Family: !PP isomerase-like
7	c3dupB_	 Alignment		100.0	20	PDB header: hydrolase Chain: B: PDB Molecule: mutt/nudix family protein; PDBTitle: crystal structure of mutt/nudix family hydrolase from rhodospirillum2 rubrum atcc 11170
8	c5lf8A_	 Alignment		99.9	28	PDB header: hydrolase Chain: A: PDB Molecule: nucleoside diphosphate-linked moiety x motif 17; PDBTitle: human nucleoside diphosphate-linked moiety x motif 17 (nudt17)
9	c3grnB_	 Alignment		99.9	21	PDB header: hydrolase Chain: B: PDB Molecule: mutt related protein; PDBTitle: crystal structure of mutt protein from methanosarcina mazei go1
10	c3n77B_	 Alignment		99.9	18	PDB header: hydrolase Chain: B: PDB Molecule: nucleoside triphosphatase nudix; PDBTitle: crystal structure of idp01880, putative ntp pyrophosphohydrolase of2 salmonella typhimurium lt2
11	d1ryaa_	 Alignment		99.9	20	Fold: Nudix Superfamily: Nudix Family: GDP-mannose mannosyl hydrolase NudD

12	d1sjya_	Alignment		99.9	17	Fold: Nudix Superfamily: Nudix Family: MutT-like
13	c2rrkA_	Alignment		99.8	19	PDB header: hydrolase Chain: A: PDB Molecule: ctp pyrophosphohydrolase; PDBTitle: solution structure of the e. coli orf135 protein
14	c3hhjA_	Alignment		99.8	15	PDB header: hydrolase Chain: A: PDB Molecule: mutator mutt protein; PDBTitle: crystal structure of mutator mutt from bartonella henselae
15	c6o3pA_	Alignment		99.8	22	PDB header: hydrolase Chain: A: PDB Molecule: peroxisomal nadh pyrophosphatase nudt12; PDBTitle: crystal structure of the catalytic domain of mouse nudt12 in complex2 with amp and 3 mg2+ ions
16	d2b0va1	Alignment		99.8	16	Fold: Nudix Superfamily: Nudix Family: MutT-like
17	c3f6aA_	Alignment		99.8	19	PDB header: hydrolase Chain: A: PDB Molecule: hydrolase, nudix family; PDBTitle: crystal structure of a hydrolase, nudix family from2 clostridium perfringens
18	c3fk9B_	Alignment		99.8	17	PDB header: hydrolase Chain: B: PDB Molecule: mutator mutt protein; PDBTitle: crystal structure of mmutator mutt protein from bacillus halodurans
19	c3r03B_	Alignment		99.8	21	PDB header: hydrolase Chain: B: PDB Molecule: nudix hydrolase; PDBTitle: the crystal structure of nudix hydrolase from rhodospirillum rubrum
20	c2o1cB_	Alignment		99.8	16	PDB header: hydrolase Chain: B: PDB Molecule: datp pyrophosphohydrolase; PDBTitle: structure of the e. coli dihydroneopterin triphosphate2 pyrophosphohydrolase
21	c4kyxA_	Alignment	not modelled	99.8	12	PDB header: hydrolase Chain: A: PDB Molecule: adp-ribose pyrophosphatase mutt; PDBTitle: crystal structure of adp-ribose pyrophosphatase mutt from rickettsia2 felis
22	c3exqA_	Alignment	not modelled	99.8	18	PDB header: hydrolase Chain: A: PDB Molecule: nudix family hydrolase; PDBTitle: crystal structure of a nudix family hydrolase from2 lactobacillus brevis
23	c3dkuB_	Alignment	not modelled	99.8	19	PDB header: hydrolase Chain: B: PDB Molecule: putative phosphohydrolase; PDBTitle: crystal structure of nudix hydrolase orf153, ymfb, from escherichia2 coli k-1
24	c3h95A_	Alignment	not modelled	99.8	13	PDB header: gene regulation Chain: A: PDB Molecule: nucleoside diphosphate-linked moiety x motif 6; PDBTitle: crystal structure of the nudix domain of nudt6
25	d1jkna_	Alignment	not modelled	99.8	17	Fold: Nudix Superfamily: Nudix Family: MutT-like
26	c2pq1B_	Alignment	not modelled	99.8	15	PDB header: hydrolase Chain: B: PDB Molecule: ap4a hydrolase; PDBTitle: crystal structure of ap4a hydrolase complexed with amp and2 atp (aq_158) from aquifex aeolicus vf5
27	d1puna_	Alignment	not modelled	99.8	22	Fold: Nudix Superfamily: Nudix Family: MutT-like
28	d2azwa1	Alignment	not modelled	99.8	16	Fold: Nudix Superfamily: Nudix Family: MutT-like
						PDB header: hydrolase

29	c2kdvA	Alignment	not modelled	99.8	25	Chain: A: PDB Molecule: rna pyrophosphohydrolase; PDBTitle: solution structure of rna pyrophosphohydrolase rpph from2 escherichia coli
30	c5zrhA	Alignment	not modelled	99.8	19	PDB header: hydrolase Chain: A: PDB Molecule: putative mutator protein mutt2/nudix hydrolase; PDBTitle: m. smegmatis antimutator protein mutt2 in complex with cmp
31	c5bonC	Alignment	not modelled	99.8	15	PDB header: hydrolase Chain: C: PDB Molecule: probable 8-oxo-dgtp diphosphatase nudt15; PDBTitle: crystal structure of human nudt15 (mth2)
32	d1vcda1	Alignment	not modelled	99.8	21	Fold: Nudix Superfamily: Nudix Family: MutT-like
33	c4v14A	Alignment	not modelled	99.8	17	PDB header: hydrolase Chain: A: PDB Molecule: mutator mutt protein; PDBTitle: structure and function analysis of mutt from the2 psychrophile fish pathogen aliivibrio salmonicida and the3 mesophile vibrio cholerae
34	d1iryA	Alignment	not modelled	99.8	17	Fold: Nudix Superfamily: Nudix Family: MutT-like
35	c3gz8C	Alignment	not modelled	99.8	16	PDB header: dna binding protein Chain: C: PDB Molecule: mutt/nudix family protein; PDBTitle: cocrystal structure of nudix domain of shewanella oneidensis nrtr2 complexed with adp ribose
36	c3ef5A	Alignment	not modelled	99.8	16	PDB header: hydrolase Chain: A: PDB Molecule: probable pyrophosphohydrolase; PDBTitle: structure of the rna pyrophosphohydrolase bdrpph in complex with dgtp
37	c5x1xA	Alignment	not modelled	99.8	15	PDB header: hydrolase Chain: A: PDB Molecule: mutator mutt protein; PDBTitle: solution nmr structure of dna mismatch repair protein mutt (family2 nudix hydrolase) from methicillin resistant staphylococcus aureus 252
38	c4dywA	Alignment	not modelled	99.8	17	PDB header: hydrolase Chain: A: PDB Molecule: mutt/nudix family protein; PDBTitle: crystal structure of mutt nudix hydrolase from burkholderia2 pseudomallei
39	d1nqza	Alignment	not modelled	99.8	15	Fold: Nudix Superfamily: Nudix Family: MutT-like
40	c3fcmA	Alignment	not modelled	99.8	13	PDB header: hydrolase Chain: A: PDB Molecule: hydrolase, nudix family; PDBTitle: crystal structure of a nudix hydrolase from clostridium perfringens
41	d1xsba	Alignment	not modelled	99.8	18	Fold: Nudix Superfamily: Nudix Family: MutT-like
42	c5c7tB	Alignment	not modelled	99.8	10	PDB header: hydrolase Chain: B: PDB Molecule: nudf protein; PDBTitle: crystal structure of the bdellovibrio bacteriovorus nucleoside2 diphosphate sugar hydrolase in complex with adp-ribose
43	c5gg7A	Alignment	not modelled	99.8	20	PDB header: hydrolase Chain: A: PDB Molecule: hydrolase, nudix family protein; PDBTitle: crystal structure of mycobacterium smegmatis mutt1 in complex with 8-2 oxo-dgtp, 8-oxo-dgmp and pyrophosphate (i)
44	c4ilqA	Alignment	not modelled	99.8	16	PDB header: hydrolase Chain: A: PDB Molecule: ct771; PDBTitle: 2.60a resolution structure of ct771 from chlamydia trachomatis
45	c5gp0F	Alignment	not modelled	99.8	21	PDB header: hydrolase Chain: F: PDB Molecule: nudix hydrolase 1; PDBTitle: crystal structure of geraniol-nudx1 complex
46	d2b06a1	Alignment	not modelled	99.8	16	Fold: Nudix Superfamily: Nudix Family: MutT-like
47	d1vk6a2	Alignment	not modelled	99.7	14	Fold: Nudix Superfamily: Nudix Family: NADH pyrophosphatase
48	d2fb1a2	Alignment	not modelled	99.7	19	Fold: Nudix Superfamily: Nudix Family: BT0354 N-terminal domain-like
49	c3edsA	Alignment	not modelled	99.7	17	PDB header: hydrolase Chain: A: PDB Molecule: mutt/nudix family protein; PDBTitle: crystal structure of a mut/nudix family protein from bacillus2 thuringiensis
50	c2yvoA	Alignment	not modelled	99.7	17	PDB header: hydrolase Chain: A: PDB Molecule: mutt/nudix family protein; PDBTitle: crystal structure of ndx2 in complex with mg2+ and amp from thermus2 thermophilus hb8
51	c2gb5B	Alignment	not modelled	99.7	16	PDB header: hydrolase Chain: B: PDB Molecule: nadh pyrophosphatase; PDBTitle: crystal structure of nadh pyrophosphatase (ec 3.6.1.22) (1790429) from2 escherichia coli k12 at 2.30 a resolution
52	d1ktga	Alignment	not modelled	99.7	16	Fold: Nudix Superfamily: Nudix Family: MutT-like
53	d1g0sa	Alignment	not modelled	99.7	25	Fold: Nudix Superfamily: Nudix Family: MutT-like
54	d2fvva1	Alignment	not modelled	99.7	16	Fold: Nudix Superfamily: Nudix Family: MutT-like

55	c2fvvA_	Alignment	not modelled	99.7	16	PDB header: hydrolase Chain: A: PDB Molecule: diphosphoinositol polyphosphate phosphohydrolase 1; PDBTitle: human diphosphoinositol polyphosphate phosphohydrolase 1
56	c3gg6A_	Alignment	not modelled	99.7	20	PDB header: hydrolase Chain: A: PDB Molecule: nucleoside diphosphate-linked moiety x motif 18; PDBTitle: crystal structure of the nudix domain of human nudt18
57	c3o8sA_	Alignment	not modelled	99.7	13	PDB header: hydrolase Chain: A: PDB Molecule: adp-ribose pyrophosphatase; PDBTitle: crystal structure of an adp-ribose pyrophosphatase (ssu98_1448) from2 streptococcus suis 89-1591 at 2.27 a resolution
58	c2w4eA_	Alignment	not modelled	99.7	17	PDB header: hydrolase Chain: A: PDB Molecule: mutt/nudix family protein; PDBTitle: structure of an n-terminally truncated nudix hydrolase2 dr2204 from deinococcus radiodurans
59	c4hfgB_	Alignment	not modelled	99.7	12	PDB header: hydrolase Chain: B: PDB Molecule: mutt/nudix family protein; PDBTitle: crystal structure of udp-x diphosphatase
60	c3q4iA_	Alignment	not modelled	99.7	15	PDB header: hydrolase Chain: A: PDB Molecule: phosphohydrolase (mutt/nudix family protein); PDBTitle: crystal structure of cdp-chase in complex with gd3+
61	c3cngC_	Alignment	not modelled	99.7	13	PDB header: hydrolase Chain: C: PDB Molecule: nudix hydrolase; PDBTitle: crystal structure of nudix hydrolase from nitrosomonas europaea
62	c5t3pB_	Alignment	not modelled	99.7	19	PDB header: hydrolase Chain: B: PDB Molecule: peroxisomal coenzyme a diphosphatase nudt7; PDBTitle: crystal structure of human peroxisomal coenzyme a diphosphatase nudt7
63	c2jvbA_	Alignment	not modelled	99.7	15	PDB header: hydrolase Chain: A: PDB Molecule: mrna-decapping enzyme subunit 2; PDBTitle: solution structure of catalytic domain of ydcp2
64	c3sonB_	Alignment	not modelled	99.7	21	PDB header: hydrolase Chain: B: PDB Molecule: hypothetical nudix hydrolase; PDBTitle: crystal structure of a putative nudix hydrolase (lmof2365_2679) from2 listeria monocytogenes str. 4b f2365 at 1.70 a resolution
65	c2qjoB_	Alignment	not modelled	99.7	18	PDB header: transferase, hydrolase Chain: B: PDB Molecule: bifunctional nmn adenylyltransferase/nudix hydrolase; PDBTitle: crystal structure of a bifunctional nmn adenylyltransferase/adp ribose2 pyrophosphatase (nadm) complexed with adprp and nad from3 synechocystis sp.
66	d2a6ta2	Alignment	not modelled	99.7	14	Fold: Nudix Superfamily: Nudix Family: mRNA decapping enzyme-like
67	c3gwyA_	Alignment	not modelled	99.7	19	PDB header: hydrolase Chain: A: PDB Molecule: putative ctp pyrophosphohydrolase; PDBTitle: crystal structure of putative ctp pyrophosphohydrolase from2 bacteroides fragilis
68	c2r5wA_	Alignment	not modelled	99.7	20	PDB header: hydrolase, transferase Chain: A: PDB Molecule: nicotinamide-nucleotide adenylyltransferase; PDBTitle: crystal structure of a bifunctional nmn2 adenylyltransferase/adp ribose pyrophosphatase from3 francisella tularensis
69	c3gz6A_	Alignment	not modelled	99.7	18	PDB header: dna binding protein/dna Chain: A: PDB Molecule: mutt/nudix family protein; PDBTitle: crystal structure of shewanella oneidensis nrtr complexed with a 27mer2 dna
70	c4zbpC_	Alignment	not modelled	99.7	17	PDB header: hydrolase Chain: C: PDB Molecule: nudix hydrolase 7; PDBTitle: crystal structure of the ampccpr-bound atnudt7
71	d1mqea_	Alignment	not modelled	99.7	15	Fold: Nudix Superfamily: Nudix Family: MutT-like
72	c3i9xA_	Alignment	not modelled	99.7	16	PDB header: hydrolase Chain: A: PDB Molecule: mutt/nudix family protein; PDBTitle: crystal structure of a mutt/nudix family protein from listeria innocua
73	c3id9B_	Alignment	not modelled	99.7	15	PDB header: hydrolase Chain: B: PDB Molecule: mutt/nudix family protein; PDBTitle: crystal structure of a mutt/nudix family protein from2 bacillus thuringiensis
74	c2yyhC_	Alignment	not modelled	99.7	14	PDB header: hydrolase Chain: C: PDB Molecule: 8-oxo-dgtpase domain; PDBTitle: crystal structure of nudix family protein from aquifex aeolicus
75	c2pqvA_	Alignment	not modelled	99.7	20	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: mutt/nudix family protein; PDBTitle: crystal structure of mutt/nudix family protein from streptococcus2 pneumoniae
76	c5mp0D_	Alignment	not modelled	99.7	15	PDB header: hydrolase Chain: D: PDB Molecule: m7gpppn-mrna hydrolase; PDBTitle: human m7gpppn-mrna hydrolase (dcp2, nudt20) catalytic domain
77	c2fb1A_	Alignment	not modelled	99.6	19	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: conserved hypothetical protein; PDBTitle: crystal structure of protein bt0354 from bacteroides thetaiotaomicron
78	c5cfiC_	Alignment	not modelled	99.6	16	PDB header: hydrolase Chain: C: PDB Molecule: bis(5'-nucleosyl)-tetrphosphatase (diadenosine PDBTitle: structural and functional attributes of malaria parasite ap4a2 hydrolase

79	c3e57A_	Alignment	not modelled	99.6	13	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein tm1382; PDBTitle: crystal structure of tm1382, a putative nudix hydrolase
80	c5lopA_	Alignment	not modelled	99.6	18	PDB header: rna binding protein Chain: A: PDB Molecule: klla0f23980p; PDBTitle: structure of the active form of /k. lactis/ dcp1-dcp2-edc3 decapping2 complex bound to m7gdp
81	d2fmla2	Alignment	not modelled	99.6	13	Fold: Nudix Superfamily: Nudix Family: BT0354 N-terminal domain-like
82	d1k2ea_	Alignment	not modelled	99.6	15	Fold: Nudix Superfamily: Nudix Family: MutT-like
83	d1u20a1	Alignment	not modelled	99.6	16	Fold: Nudix Superfamily: Nudix Family: MutT-like
84	d1v8ya_	Alignment	not modelled	99.6	20	Fold: Nudix Superfamily: Nudix Family: MutT-like
85	d1x51a1	Alignment	not modelled	99.6	17	Fold: Nudix Superfamily: Nudix Family: MutY C-terminal domain-like
86	c3fjyB_	Alignment	not modelled	99.6	17	PDB header: hydrolase Chain: B: PDB Molecule: probable mutt1 protein; PDBTitle: crystal structure of a probable mutt1 protein from bifidobacterium2 adolescentis
87	c3q91D_	Alignment	not modelled	99.6	16	PDB header: hydrolase Chain: D: PDB Molecule: uridine diphosphate glucose pyrophosphatase; PDBTitle: crystal structure of human uridine diphosphate glucose pyrophosphatase2 (nudt14)
88	d1vhza_	Alignment	not modelled	99.6	15	Fold: Nudix Superfamily: Nudix Family: MutT-like
89	c4jztA_	Alignment	not modelled	99.6	13	PDB header: hydrolase Chain: A: PDB Molecule: dgtp pyrophosphohydrolase; PDBTitle: crystal structure of the bacillus subtilis pyrophosphohydrolase bsrpph2 (e68a mutant) bound to gtp
90	c3bm4B_	Alignment	not modelled	99.5	14	PDB header: hydrolase Chain: B: PDB Molecule: adp-sugar pyrophosphatase; PDBTitle: crystal structure of human adp-ribose pyrophosphatase nudt5 in complex2 with magnesium and ampccr
91	c1rrqA_	Alignment	not modelled	99.5	11	PDB header: hydrolase/dna Chain: A: PDB Molecule: muty; PDBTitle: muty adenine glycosylase in complex with dna containing an2 a:oxog pair
92	c2fmlB_	Alignment	not modelled	99.5	14	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: mutt/nudix family protein; PDBTitle: crystal structure of mutt/nudix family protein from enterococcus2 faecalis
93	c2qkmF_	Alignment	not modelled	99.5	14	PDB header: hydrolase Chain: F: PDB Molecule: spac19a8.12 protein; PDBTitle: the crystal structure of fission yeast mrna decapping enzyme dcp1-dcp22 complex
94	c3f13A_	Alignment	not modelled	99.5	21	PDB header: hydrolase Chain: A: PDB Molecule: putative nudix hydrolase family member; PDBTitle: crystal structure of putative nudix hydrolase family member from2 chromobacterium violaceum
95	c5lf9A_	Alignment	not modelled	99.4	18	PDB header: transferase Chain: A: PDB Molecule: nucleoside diphosphate-linked moiety x motif 22; PDBTitle: crystal structure of human nudt22
96	c3rh7A_	Alignment	not modelled	99.4	11	PDB header: oxidoreductase Chain: A: PDB Molecule: hypothetical oxidoreductase; PDBTitle: crystal structure of a putative oxidoreductase (sma0793) from2 sinorhizobium meliloti 1021 at 3.00 a resolution
97	d1viua_	Alignment	not modelled	99.4	17	Fold: Nudix Superfamily: Nudix Family: MutT-like
98	d1rrqa2	Alignment	not modelled	99.4	11	Fold: Nudix Superfamily: Nudix Family: MutY C-terminal domain-like
99	c3qsjA_	Alignment	not modelled	99.3	23	PDB header: hydrolase Chain: A: PDB Molecule: nudix hydrolase; PDBTitle: crystal structure of nudix hydrolase from alicyclobacillus2 acidocaldarius
100	d1q33a_	Alignment	not modelled	99.2	17	Fold: Nudix Superfamily: Nudix Family: MutT-like
101	c2j8qB_	Alignment	not modelled	99.1	17	PDB header: nuclear protein Chain: B: PDB Molecule: cleavage and polyadenylation specificity factor 5; PDBTitle: crystal structure of human cleavage and polyadenylation2 specificity factor 5 (cpsf5) in complex with a sulphate3 ion.
102	c4v1aj_	Alignment	not modelled	99.1	16	PDB header: ribosome Chain: J: PDB Molecule: PDBTitle: structure of the large subunit of the mammalian mitoribosome, part 22 of 2
103	c3couA_	Alignment	not modelled	98.6	16	PDB header: hydrolase Chain: A: PDB Molecule: nucleoside diphosphate-linked moiety x motif 16; PDBTitle: crystal structure of human nudix motif 16 (nudt16)
104	c3kvhA_	Alignment	not modelled	97.9	20	PDB header: rna binding protein Chain: A: PDB Molecule: protein syndesmos; PDBTitle: crystal structure of human protein syndesmos (nudt16-like protein)

105	c1vw46_	 Alignment	not modelled	96.1	18	PDB header: ribosome Chain: 6: PDB Molecule: 54s ribosomal protein l17, mitochondrial; PDBTitle: structure of the yeast mitochondrial large ribosomal subunit
106	c4ktbA_	 Alignment	not modelled	95.5	19	PDB header: unknown function Chain: A: PDB Molecule: putative uncharacterized protein; PDBTitle: the crystal structure of posible asymmetric diadenosine tetraphosphate2 (ap(4)a) hydrolases from jonesia denitrificans dsm 20603
107	c3p5tE_	 Alignment	not modelled	86.6	17	PDB header: rna binding protein Chain: E: PDB Molecule: cleavage and polyadenylation specificity factor subunit 5; PDBTitle: cfim25-cfim68 complex
108	c3brcA_	 Alignment	not modelled	62.8	21	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: conserved protein of unknown function; PDBTitle: crystal structure of a conserved protein of unknown function from2 methanobacterium thermoautotrophicum
109	c5d5pC_	 Alignment	not modelled	50.4	13	PDB header: transferase Chain: C: PDB Molecule: hcgb; PDBTitle: hcgb from methanococcus maripaludis
110	c6drkD_	 Alignment	not modelled	46.9	22	PDB header: transport protein Chain: D: PDB Molecule: transient receptor potential cation channel, subfamily m, PDBTitle: structure of trpm2 ion channel receptor by single particle electron2 cryo-microscopy, apo state
111	c3ivrA_	 Alignment	not modelled	38.8	19	PDB header: ligase Chain: A: PDB Molecule: putative long-chain-fatty-acid coa ligase; PDBTitle: crystal structure of putative long-chain-fatty-acid coa ligase from2 rhodopseudomonas palustris cga009
112	d1tifa_	 Alignment	not modelled	38.5	30	Fold: beta-Grasp (ubiquitin-like) Superfamily: Translation initiation factor IF3, N-terminal domain Family: Translation initiation factor IF3, N-terminal domain
113	c6o6dA_	 Alignment	not modelled	38.3	21	PDB header: ligase Chain: A: PDB Molecule: translation initiation factor if-3; PDBTitle: n-terminal domain of translation initiation factor if-3 from2 helicobacter pylori
114	c5nfiB_	 Alignment	not modelled	37.6	19	PDB header: cell adhesion Chain: B: PDB Molecule: minor fimbrium anchoring subunit mfa2; PDBTitle: the fimbrial anchor protein mfa2 from porphyromonas gingivalis
115	d2riha1	 Alignment	not modelled	36.7	30	Fold: CBS-domain pair Superfamily: CBS-domain pair Family: CBS-domain pair
116	c4qdgB_	 Alignment	not modelled	36.0	15	PDB header: cell adhesion Chain: B: PDB Molecule: putative adhesin; PDBTitle: crystal structure of a putative adhesin (bt2657) from bacteroides2 thetaiotaomicron vpi-5482 at 2.20 a resolution (psi community target,3 nakayama)
117	d2b78a1	 Alignment	not modelled	35.6	19	Fold: PUA domain-like Superfamily: PUA domain-like Family: Hypothetical RNA methyltransferase domain (HRMD)
118	d1zfja4	 Alignment	not modelled	34.4	21	Fold: CBS-domain pair Superfamily: CBS-domain pair Family: CBS-domain pair
119	c3pkwA_	 Alignment	not modelled	33.5	23	PDB header: lyase Chain: A: PDB Molecule: toxoflavin lyase (tfla); PDBTitle: crystal structure of toxoflavin lyase (tfla) bound to mn(ii)
120	c2d3aj_	 Alignment	not modelled	30.8	5	PDB header: ligase Chain: J: PDB Molecule: glutamine synthetase; PDBTitle: crystal structure of the maize glutamine synthetase2 complexed with adp and methionine sulfoximine phosphate