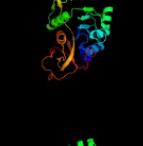
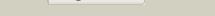
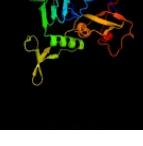


# Phyre<sup>2</sup>

Email	mdejesus@rockefeller.edu
Description	RVBD2504c_(scoA)_2819134_2819880
Date	Wed Aug 7 12:50:13 BST 2019
Unique Job ID	d2e4029a3b2091b0

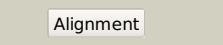
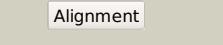
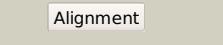
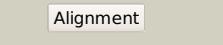
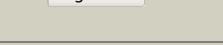
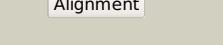
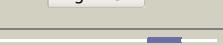
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1ooya2</a>			100.0	56	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> CoA transferase alpha subunit-like
2	<a href="#">d2ahua2</a>			100.0	25	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> CoA transferase alpha subunit-like
3	<a href="#">d1poia_</a>			100.0	24	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> CoA transferase alpha subunit-like
4	<a href="#">c3rrIC_</a>			100.0	53	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> succinyl-coa:3-ketoacid-coenzyme a transferase subunit a; <b>PDBTitle:</b> complex structure of 3-oxoadipate coa-transferase subunit a and b from2 helicobacter pylori 26695
5	<a href="#">c6co9A_</a>			100.0	28	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> probable coa-transferase alpha subunit; <b>PDBTitle:</b> crystal structure of rhodococcus jostii rha1 ipdab cochea-coa complex
6	<a href="#">c3cdkA_</a>			100.0	61	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> succinyl-coa:3-ketoacid-coenzyme a transferase <b>PDBTitle:</b> crystal structure of the co-expressed succinyl-coa2 transferase a and b complex from bacillus subtilis
7	<a href="#">c5mzyA_</a>			100.0	28	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> glutaconate coa-transferase family, subunit a; <b>PDBTitle:</b> crystal structure of the decarboxylase aiba/aibb in complex with a2 possible transition state analog
8	<a href="#">c4kgbB_</a>			100.0	47	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> succinyl-coa:3-ketoacid-coenzyme a transferase; <b>PDBTitle:</b> structure of succinyl-coa: 3-ketoacid coa transferase from drosophila2 melanogaster
9	<a href="#">c1ooyA_</a>			100.0	56	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> succinyl-coa:3-ketoacid-coenzyme a transferase, <b>PDBTitle:</b> succinyl-coa:3-ketoacid coa transferase from pig heart
10	<a href="#">c2ahvC_</a>			100.0	25	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> putative enzyme ydif; <b>PDBTitle:</b> crystal structure of acyl-coa transferase from e. coli o157:h7 (ydif)-2 thioester complex with coa- 1
11	<a href="#">d1k6da_</a>			100.0	43	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> CoA transferase alpha subunit-like

12	<a href="#">c2hj0A</a>	Alignment		100.0	18	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> putative citrate lyase, alfa subunit; <b>PDBTitle:</b> crystal structure of the putative alfa subunit of citrate lyase in2 complex with citrate from streptococcus mutans, northeast structural3 genomics target smr12 .
13	<a href="#">c3qlkB</a>	Alignment		100.0	23	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> coenzyme a transferase; <b>PDBTitle:</b> crystal structure of ripa from yersinia pestis
14	<a href="#">c1xr4B</a>	Alignment		100.0	21	<b>PDB header:</b> hydrolase/transferase <b>Chain:</b> B: <b>PDB Molecule:</b> putative citrate lyase alpha chain/citrate-acp transferase; <b>PDBTitle:</b> x-ray crystal structure of putative citrate lyase alpha chain/citrate-2 acp transferase [salmonella typhimurium]
15	<a href="#">c4eu4A</a>	Alignment		100.0	23	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> succinyl-coa:acetate coenzyme a transferase; <b>PDBTitle:</b> succinyl-coa: acetate coa-transferase (aarch6) in complex with coa2 (hexagonal lattice)
16	<a href="#">c3gk7A</a>	Alignment		100.0	17	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> 4-hydroxybutyrate coa-transferase; <b>PDBTitle:</b> crystal structure of 4-hydroxybutyrate coa-transferase from2 clostridium aminobutyricum
17	<a href="#">c2oasA</a>	Alignment		100.0	16	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> 4-hydroxybutyrate coenzyme a transferase; <b>PDBTitle:</b> crystal structure of 4-hydroxybutyrate coenzyme a transferase (atoa2) in complex with coa from shewanella oneidensis, northeast structural3 genomics target sor119.
18	<a href="#">c2g39A</a>	Alignment		100.0	20	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> acetyl-coa hydrolase; <b>PDBTitle:</b> crystal structure of coenzyme a transferase from pseudomonas2 aeruginosa
19	<a href="#">c5vitP</a>	Alignment		99.9	23	<b>PDB header:</b> transferase <b>Chain:</b> P: <b>PDB Molecule:</b> mdca; <b>PDBTitle:</b> crystal structure of a pseudomonas malonate decarboxylase hetero-2 tetramer in complex with malonate
20	<a href="#">c2nnvF</a>	Alignment		99.9	20	<b>PDB header:</b> hydrolase <b>Chain:</b> F: <b>PDB Molecule:</b> acetyl-coa hydrolase/transferase family protein; <b>PDBTitle:</b> crystal structure of the putative acetyl-coa hydrolase/transferase2 pg1013 from porphyromonas gingivalis, northeast structural genomics3 target pgr16.
21	<a href="#">d1xr4a1</a>	Alignment	not modelled	99.9	22	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> CoA transferase alpha subunit-like
22	<a href="#">c3eh7A</a>	Alignment	not modelled	99.9	22	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> 4-hydroxybutyrate coa-transferase; <b>PDBTitle:</b> the structure of a putative 4-hydroxybutyrate coa-transferase from2 porphyromonas gingivalis w83
23	<a href="#">c3d3uA</a>	Alignment	not modelled	99.9	17	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> 4-hydroxybutyrate coa-transferase; <b>PDBTitle:</b> crystal structure of 4-hydroxybutyrate coa-transferase (abft-2) from2 porphyromonas gingivalis. northeast structural genomics consortium3 target pgr26
24	<a href="#">d2g39a1</a>	Alignment	not modelled	99.9	19	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> CoA transferase alpha subunit-like
25	<a href="#">c6eepA</a>	Alignment	not modelled	98.1	26	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> ribose-5-phosphate isomerase a; <b>PDBTitle:</b> crystal structure of ribose-5-phosphate isomerase from legionella2 pneumophila
26	<a href="#">c5uf2A</a>	Alignment	not modelled	97.9	26	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> ribose-5-phosphate isomerase a; <b>PDBTitle:</b> crystal structure of ribose 5 phosphate isomerase a from neisseria2 gonorrhoeae
27	<a href="#">c5dbnD</a>	Alignment	not modelled	97.8	18	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> acetate coa-transferase subunit beta; <b>PDBTitle:</b> crystal structure of atoda complex
28	<a href="#">c1m0sA</a>	Alignment	not modelled	97.8	25	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> ribose-5-phosphate isomerase a; <b>PDBTitle:</b> northeast structural genomics consortium (nesc id ir21)
29	<a href="#">c3176R</a>	Alignment	not modelled	97.8	23	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> ribose-5-phosphate isomerase a;

29	<a href="#">c2j0B</a>	Alignment	not modelled	97.8	23	<b>PDBTitle:</b> crystal structure of ribose-5-phosphate isomerase a from streptococcus2 mutans ua159
30	<a href="#">d2g39a2</a>	Alignment	not modelled	97.8	20	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> CoA transferase alpha subunit-like
31	<a href="#">c2f8mB</a>	Alignment	not modelled	97.7	22	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> ribose 5-phosphate isomerase; <b>PDBTitle:</b> ribose 5-phosphate isomerase from plasmodium falciparum
32	<a href="#">d1m0sa1</a>	Alignment	not modelled	97.6	27	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> D-ribose-5-phosphate isomerase (RpiA), catalytic domain
33	<a href="#">c4gmkB</a>	Alignment	not modelled	97.6	23	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> ribose-5-phosphate isomerase a; <b>PDBTitle:</b> crystal structure of ribose 5-phosphate isomerase from the probiotic2 bacterium lactobacillus salivarius ucc118
34	<a href="#">c6j1kA</a>	Alignment	not modelled	97.5	25	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> ribose-5-phosphate isomerase a; <b>PDBTitle:</b> crystal structure of ribose-5-phosphate isomerase a from ochrobactrum2 sp. csl1
35	<a href="#">c1lk5C</a>	Alignment	not modelled	97.5	29	<b>PDB header:</b> isomerase <b>Chain:</b> C: <b>PDB Molecule:</b> d-ribose-5-phosphate isomerase; <b>PDBTitle:</b> structure of the d-ribose-5-phosphate isomerase from2 pyrococcus horikoshii
36	<a href="#">c1lkzB</a>	Alignment	not modelled	97.5	27	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> ribose 5-phosphate isomerase a; <b>PDBTitle:</b> crystal structure of d-ribose-5-phosphate isomerase (rpia) from2 escherichia coli.
37	<a href="#">c3hheA</a>	Alignment	not modelled	97.5	18	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> ribose-5-phosphate isomerase a; <b>PDBTitle:</b> crystal structure of ribose-5-phosphate isomerase a from bartonella2 henselae
38	<a href="#">c3kwmC</a>	Alignment	not modelled	97.4	27	<b>PDB header:</b> isomerase <b>Chain:</b> C: <b>PDB Molecule:</b> ribose-5-phosphate isomerase a; <b>PDBTitle:</b> crystal structure of ribose-5-isomerase a
39	<a href="#">d1xr4a2</a>	Alignment	not modelled	97.4	23	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> CoA transferase alpha subunit-like
40	<a href="#">c5n02B</a>	Alignment	not modelled	97.2	22	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> glutaconate coa-transferase family, subunit b; <b>PDBTitle:</b> crystal structure of the decarboxylase aiba/aiib c56s variant
41	<a href="#">c1uj6A</a>	Alignment	not modelled	97.1	19	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> ribose 5-phosphate isomerase; <b>PDBTitle:</b> crystal structure of thermus thermophilus ribose-5-phosphate isomerase2 complexed with arabinose-5-phosphate
42	<a href="#">d1uj4a1</a>	Alignment	not modelled	97.0	18	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> D-ribose-5-phosphate isomerase (RpiA), catalytic domain
43	<a href="#">c2pjmA</a>	Alignment	not modelled	96.7	15	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> ribose-5-phosphate isomerase a; <b>PDBTitle:</b> structure of ribose 5-phosphate isomerase a from2 methanocaldococcus jannaschii
44	<a href="#">c3cdkD</a>	Alignment	not modelled	96.7	19	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> succinyl-coa:3-ketoacid-coenzyme a transferase <b>PDBTitle:</b> crystal structure of the co-expressed succinyl-coa2 transferase a and b complex from bacillus subtilis
45	<a href="#">c4nmIA</a>	Alignment	not modelled	96.5	23	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> ribulose 5-phosphate isomerase; <b>PDBTitle:</b> 2.60 angstrom resolution crystal structure of putative ribose 5-2 phosphate isomerase from toxoplasma gondii me49 in complex with dl-3 malic acid
46	<a href="#">c3u7jA</a>	Alignment	not modelled	96.3	22	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> ribose-5-phosphate isomerase a; <b>PDBTitle:</b> crystal structure of ribose-5-phosphate isomerase a from burkholderia2 thailandensis
47	<a href="#">d1lk5a1</a>	Alignment	not modelled	96.2	28	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> D-ribose-5-phosphate isomerase (RpiA), catalytic domain
48	<a href="#">c4x84C</a>	Alignment	not modelled	96.1	32	<b>PDB header:</b> isomerase <b>Chain:</b> C: <b>PDB Molecule:</b> ribose-5-phosphate isomerase a; <b>PDBTitle:</b> crystal structure of ribose-5-phosphate isomerase a from pseudomonas2 aeruginosa
49	<a href="#">c6conF</a>	Alignment	not modelled	96.0	25	<b>PDB header:</b> hydrolase <b>Chain:</b> F: <b>PDB Molecule:</b> coa-transferase subunit beta; <b>PDBTitle:</b> crystal structure of mycobacterium tuberculosis ipdab
50	<a href="#">d1poib</a>	Alignment	not modelled	95.4	20	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> CoA transferase beta subunit-like
51	<a href="#">d1ooya1</a>	Alignment	not modelled	95.2	27	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> CoA transferase beta subunit-like
52	<a href="#">c1xtzA</a>	Alignment	not modelled	95.1	24	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> ribose-5-phosphate isomerase; <b>PDBTitle:</b> crystal structure of the s. cerevisiae d-ribose-5-phosphate isomerase:2 comparison with the archeal and bacterial enzymes
53	<a href="#">c6co6B</a>	Alignment	not modelled	95.1	23	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> probable coa-transferase beta subunit; <b>PDBTitle:</b> crystal structure of rhodococcus jostii rha1 ipdab
54	<a href="#">d2ahua1</a>	Alignment	not modelled	93.3	28	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> CoA transferase beta subunit-like
						<b>PDB header:</b> transferase

55	<a href="#">c3rrID</a>	Alignment	not modelled	93.2	22	<b>Chain:</b> D: <b>PDB Molecule:</b> succinyl-coa:3-ketoacid-coenzyme a transferase subunit b; <b>PDBTitle:</b> complex structure of 3-oxoadipate coa-transferase subunit a and b from <i>helicobacter pylori</i> 26695
56	<a href="#">c3ecsD</a>	Alignment	not modelled	91.2	20	<b>PDB header:</b> translation <b>Chain:</b> D: <b>PDB Molecule:</b> translation initiation factor eif-2b subunit alpha; <b>PDBTitle:</b> crystal structure of human eif2b alpha
57	<a href="#">d1t9ka</a>	Alignment	not modelled	90.3	23	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> IF2B-like
58	<a href="#">c5b04B</a>	Alignment	not modelled	89.3	25	<b>PDB header:</b> translation <b>Chain:</b> B: <b>PDB Molecule:</b> translation initiation factor eif-2b subunit alpha; <b>PDBTitle:</b> crystal structure of the eukaryotic translation initiation factor 2b2 from <i>schizosaccharomyces pombe</i>
59	<a href="#">c6gg0G</a>	Alignment	not modelled	88.1	18	<b>PDB header:</b> translation <b>Chain:</b> G: <b>PDB Molecule:</b> translation initiation factor eif-2b subunit delta; <b>PDBTitle:</b> structure of eif2b-eif2 (phosphorylated at ser51) complex (model 1)
60	<a href="#">d1t5oa</a>	Alignment	not modelled	85.9	11	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> IF2B-like
61	<a href="#">c5b04G</a>	Alignment	not modelled	85.3	17	<b>PDB header:</b> translation <b>Chain:</b> G: <b>PDB Molecule:</b> probable translation initiation factor eif-2b subunit <b>PDBTitle:</b> crystal structure of the eukaryotic translation initiation factor 2b2 from <i>schizosaccharomyces pombe</i>
62	<a href="#">c4zemB</a>	Alignment	not modelled	81.3	16	<b>PDB header:</b> translation <b>Chain:</b> B: <b>PDB Molecule:</b> translation initiation factor eif2b-like protein, <b>PDBTitle:</b> crystal structure of eif2b beta from <i>chaetomium thermophilum</i>
63	<a href="#">d1o8bb1</a>	Alignment	not modelled	79.1	26	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> D-ribose-5-phosphate isomerase (RpiA), catalytic domain
64	<a href="#">c6i7tB</a>	Alignment	not modelled	78.5	20	<b>PDB header:</b> translation <b>Chain:</b> B: <b>PDB Molecule:</b> translation initiation factor eif-2b subunit alpha; <b>PDBTitle:</b> eif2b:eif2 complex
65	<a href="#">c6i3mD</a>	Alignment	not modelled	77.4	17	<b>PDB header:</b> translation <b>Chain:</b> D: <b>PDB Molecule:</b> translation initiation factor eif-2b subunit delta; <b>PDBTitle:</b> eif2b:eif2 complex, phosphorylated on eif2 alpha serine 52.
66	<a href="#">c5b04C</a>	Alignment	not modelled	74.0	10	<b>PDB header:</b> translation <b>Chain:</b> C: <b>PDB Molecule:</b> probable translation initiation factor eif-2b subunit beta; <b>PDBTitle:</b> crystal structure of the eukaryotic translation initiation factor 2b2 from <i>schizosaccharomyces pombe</i>
67	<a href="#">c3a11D</a>	Alignment	not modelled	72.9	17	<b>PDB header:</b> isomerase <b>Chain:</b> D: <b>PDB Molecule:</b> translation initiation factor eif-2b, delta subunit; <b>PDBTitle:</b> crystal structure of ribose-1,5-bisphosphate isomerase from <i>thermococcus kodakaraensis</i> kod1
68	<a href="#">d1vb5a</a>	Alignment	not modelled	68.6	22	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> IF2B-like
69	<a href="#">d2a0ua1</a>	Alignment	not modelled	65.3	12	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> IF2B-like
70	<a href="#">c4zeoH</a>	Alignment	not modelled	64.7	22	<b>PDB header:</b> translation <b>Chain:</b> H: <b>PDB Molecule:</b> translation initiation factor eif-2b-like protein; <b>PDBTitle:</b> crystal structure of eif2b delta from <i>chaetomium thermophilum</i>
71	<a href="#">c6a34B</a>	Alignment	not modelled	64.5	15	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> putative methylthioribose-1-phosphate isomerase; <b>PDBTitle:</b> crystal structure of 5-methylthioribose 1-phosphate isomerase from <i>pyrococcus horikoshii</i> ot3 - form i
72	<a href="#">c4oqqA</a>	Alignment	not modelled	62.1	17	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> deoxyribonucleoside regulator; <b>PDBTitle:</b> structure of the effector-binding domain of deoxyribonucleoside2 regulator deor from <i>bacillus subtilis</i>
73	<a href="#">c6ezoD</a>	Alignment	not modelled	56.0	18	<b>PDB header:</b> membrane protein <b>Chain:</b> D: <b>PDB Molecule:</b> translation initiation factor eif-2b subunit beta; <b>PDBTitle:</b> eukaryotic initiation factor eif2b in complex with isrib
74	<a href="#">c2yvkA</a>	Alignment	not modelled	55.4	15	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> methylthioribose-1-phosphate isomerase; <b>PDBTitle:</b> crystal structure of 5-methylthioribose 1-phosphate2 isomerase product complex from <i>bacillus subtilis</i>
75	<a href="#">c3wrwE</a>	Alignment	not modelled	53.1	17	<b>PDB header:</b> transferase <b>Chain:</b> E: <b>PDB Molecule:</b> tm-1 protein; <b>PDBTitle:</b> crystal structure of the n-terminal domain of resistance protein
76	<a href="#">c3smaD</a>	Alignment	not modelled	52.7	25	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> frbf; <b>PDBTitle:</b> a new n-acetyltransferase fold in the structure and mechanism of the2 phosphonate biosynthetic enzyme frbf
77	<a href="#">c6mb6A</a>	Alignment	not modelled	48.8	31	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> aac(3)-iib protein; <b>PDBTitle:</b> aac-iiib binary with coash
78	<a href="#">c5ht0B</a>	Alignment	not modelled	47.1	22	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> aminoglycoside acetyltransferase hmb0005; <b>PDBTitle:</b> crystal structure of an antibiotic_nat family

						aminoglycoside2 acetyltransferase hmb0038 from an uncultured soil metagenomic sample3 in complex with coenzyme a
79	<a href="#">c3nzeB_</a>		Alignment	not modelled	45.2	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> putative transcriptional regulator, sugar-binding family; <b>PDBTitle:</b> the crystal structure of a domain of a possible sugar-binding2 transcriptional regulator from arthrobacter aurescens tc1.
80	<a href="#">d2nyga1</a>		Alignment	not modelled	43.7	<b>Fold:</b> TTHA0583/YokD-like <b>Superfamily:</b> TTHA0583/YokD-like <b>Family:</b> Aminoglycoside 3-N-acetyltransferase-like
81	<a href="#">d2r5fa1</a>		Alignment	not modelled	43.6	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> SorC sugar-binding domain-like
82	<a href="#">c6i3mF_</a>		Alignment	not modelled	42.7	<b>PDB header:</b> translation <b>Chain:</b> F: <b>PDB Molecule:</b> translation initiation factor eif-2b subunit beta; <b>PDBTitle:</b> eif2b:eif2 complex, phosphorylated on eif2 alpha serine 52.
83	<a href="#">c5dboA_</a>		Alignment	not modelled	42.0	<b>PDB header:</b> translation <b>Chain:</b> A: <b>PDB Molecule:</b> translation initiation factor eif-2b-like protein; <b>PDBTitle:</b> crystal structure of the tetrameric eif2b-beta2-delta2 complex from c.2 thermophilum
84	<a href="#">c4r9nA_</a>		Alignment	not modelled	42.0	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> lmo0547 protein; <b>PDBTitle:</b> deoR family transcriptional regulator from listeria monocytogenes.
85	<a href="#">d2gnpa1</a>		Alignment	not modelled	41.9	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> SorC sugar-binding domain-like
86	<a href="#">d3efba1</a>		Alignment	not modelled	31.3	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> SorC sugar-binding domain-like
87	<a href="#">c3e4fb_</a>		Alignment	not modelled	30.3	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> aminoglycoside n3-acetyltransferase; <b>PDBTitle:</b> crystal structure of ba2930- a putative aminoglycoside n3-2 acetyltransferase from bacillus anthracis
88	<a href="#">c1dbgA_</a>		Alignment	not modelled	28.3	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> chondroitinase b; <b>PDBTitle:</b> crystal structure of chondroitinase b
89	<a href="#">d1o8ba1</a>		Alignment	not modelled	25.0	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> D-ribose-5-phosphate isomerase (RpiA), catalytic domain
90	<a href="#">c2w48D_</a>		Alignment	not modelled	24.6	<b>PDB header:</b> transcription <b>Chain:</b> D: <b>PDB Molecule:</b> sorbitol operon regulator; <b>PDBTitle:</b> crystal structure of the full-length sorbitol operon2 regulator sorc from klebsiella pneumoniae
91	<a href="#">d2grea1</a>		Alignment	not modelled	23.6	<b>Fold:</b> Domain of alpha and beta subunits of F1 ATP synthase-like <b>Superfamily:</b> Aminopeptidase/glucanase lid domain <b>Family:</b> Aminopeptidase/glucanase lid domain
92	<a href="#">c5mvra_</a>		Alignment	not modelled	23.6	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> tRNA threonylcarbamoyladenosine biosynthesis protein tsae; <b>PDBTitle:</b> crystal structure of bacillus subtilis ydib
93	<a href="#">c6bc3A_</a>		Alignment	not modelled	22.2	<b>PDB header:</b> transferase/antibiotic <b>Chain:</b> A: <b>PDB Molecule:</b> aac 3-vi protein; <b>PDBTitle:</b> cryo x-ray structure of sisomicin bound aac-via
94	<a href="#">c3izbP_</a>		Alignment	not modelled	21.2	<b>PDB header:</b> ribosome <b>Chain:</b> P: <b>PDB Molecule:</b> 40S ribosomal protein rps11 (s17p); <b>PDBTitle:</b> localization of the small subunit ribosomal proteins into a 6.1 a2 cryo-em map of saccharomyces cerevisiae translating 80S ribosome
95	<a href="#">c6mn5A_</a>		Alignment	not modelled	20.4	<b>PDB header:</b> transferase/antibiotic <b>Chain:</b> A: <b>PDB Molecule:</b> aminoglycoside n(3)-acetyltransferase, aac(3)-iva; <b>PDBTitle:</b> crystal structure of aminoglycoside acetyltransferase aac(3)-iva,2 h154a mutant, in complex with gentamicin c1a
96	<a href="#">c3iz6P_</a>		Alignment	not modelled	20.2	<b>PDB header:</b> ribosome <b>Chain:</b> P: <b>PDB Molecule:</b> 40S ribosomal protein s11 (s17p); <b>PDBTitle:</b> localization of the small subunit ribosomal proteins into a 5.5 a2 cryo-em map of triticum aestivum translating 80S ribosome
97	<a href="#">d1ofla_</a>		Alignment	not modelled	19.9	<b>Fold:</b> Single-stranded right-handed beta-helix <b>Superfamily:</b> Pectin lyase-like <b>Family:</b> Chondroitinase B
98	<a href="#">d1jb7a3</a>		Alignment	not modelled	18.6	<b>Fold:</b> OB-fold <b>Superfamily:</b> Nucleic acid-binding proteins <b>Family:</b> Single strand DNA-binding domain, SSB
99	<a href="#">d1soua_</a>		Alignment	not modelled	18.5	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> Methenyltetrahydrofolate synthetase