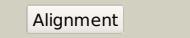
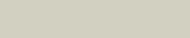
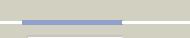
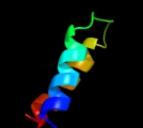
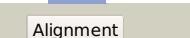
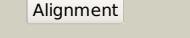
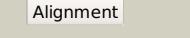
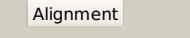
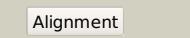
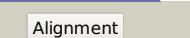
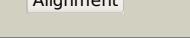


# Phyre<sup>2</sup>

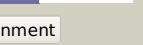
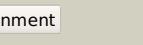
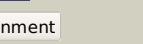
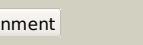
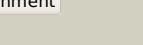
Email	mdejesus@rockefeller.edu
Description	RVBD1107c_(xseB)_1233971_1234228
Date	Wed Jul 31 22:05:18 BST 2019
Unique Job ID	599eaf779a236fa

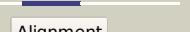
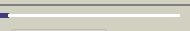
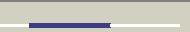
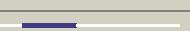
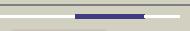
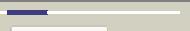
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1vp7a_</a>			99.7	30	<b>Fold:</b> Spectrin repeat-like <b>Superfamily:</b> XseB-like <b>Family:</b> XseB-like
2	<a href="#">d1vp7b_</a>			99.7	29	<b>Fold:</b> Spectrin repeat-like <b>Superfamily:</b> XseB-like <b>Family:</b> XseB-like
3	<a href="#">c1vp7D_</a>			99.6	30	<b>PDB header:</b> hydrolase <b>Chain:</b> D; <b>PDB Molecule:</b> exodeoxyribonuclease vii small subunit; <b>PDBTitle:</b> crystal structure of exodeoxyribonuclease vii small subunit2 (np_881400.1) from bordetella pertussis at 2.40 a resolution
4	<a href="#">c3he4A_</a>			66.3	21	<b>PDB header:</b> de novo protein <b>Chain:</b> A; <b>PDB Molecule:</b> synzip6; <b>PDBTitle:</b> heterospecific coiled-coil pair synzip5:synzip6
5	<a href="#">c4lh9A_</a>			42.6	29	<b>PDB header:</b> transcription <b>Chain:</b> A; <b>PDB Molecule:</b> heterocyst differentiation control protein; <b>PDBTitle:</b> crystal structure of the refolded hood domain (asp256-gly295) of hetr
6	<a href="#">d1pina2</a>			35.4	6	<b>Fold:</b> FKBP-like <b>Superfamily:</b> FKBP-like <b>Family:</b> FKBP immunophilin/proline isomerase
7	<a href="#">c4ynlB_</a>			31.8	29	<b>PDB header:</b> transcription <b>Chain:</b> B; <b>PDB Molecule:</b> heterocyst differentiation control protein; <b>PDBTitle:</b> crystal structure of the hood domain of anabaena hetr in complex with the hexapeptide ergsgr derived from pats
8	<a href="#">c2jzvA_</a>			28.7	5	<b>PDB header:</b> isomerase <b>Chain:</b> A; <b>PDB Molecule:</b> foldase protein prsa; <b>PDBTitle:</b> solution structure of s. aureus prsa-ppiase
9	<a href="#">c2y0sQ_</a>			28.6	24	<b>PDB header:</b> transferase <b>Chain:</b> Q; <b>PDB Molecule:</b> rna polymerase subunit 13; <b>PDBTitle:</b> crystal structure of sulfolobus shibatae rna polymerase in p21 space2 group
10	<a href="#">c2y0sI_</a>			28.6	24	<b>PDB header:</b> transferase <b>Chain:</b> J; <b>PDB Molecule:</b> rna polymerase subunit 13; <b>PDBTitle:</b> crystal structure of sulfolobus shibatae rna polymerase in p21 space2 group
11	<a href="#">c3hxxA_</a>			27.6	26	<b>PDB header:</b> ligase <b>Chain:</b> A; <b>PDB Molecule:</b> alanyl-tRNA synthetase; <b>PDBTitle:</b> crystal structure of catalytic fragment of e. coli alars in complex2 with amppcp

12	<a href="#">c3hkzY_</a>			26.8	21	<b>PDB header:</b> transferase <b>Chain:</b> Y: <b>PDB Molecule:</b> dna-directed rna polymerase subunit 13; <b>PDBTitle:</b> the x-ray crystal structure of rna polymerase from archaea
13	<a href="#">c3iv1F_</a>			25.4	24	<b>PDB header:</b> hydrolase <b>Chain:</b> F: <b>PDB Molecule:</b> tumor susceptibility gene 101 protein; <b>PDBTitle:</b> coiled-coil domain of tumor susceptibility gene 101
14	<a href="#">c5knnG_</a>			25.0	17	<b>PDB header:</b> ligase <b>Chain:</b> G: <b>PDB Molecule:</b> alanine--trna ligase, cytoplasmic; <b>PDBTitle:</b> evolutionary gain of alanine mischarging to non-cognate trnas with a2 g4:u69 base pair
15	<a href="#">c3hkzZ_</a>			22.2	21	<b>PDB header:</b> transferase <b>Chain:</b> Z: <b>PDB Molecule:</b> dna-directed rna polymerase subunit 13; <b>PDBTitle:</b> the x-ray crystal structure of rna polymerase from archaea
16	<a href="#">d1wtya_</a>			22.1	14	<b>Fold:</b> Four-helical up-and-down bundle <b>Superfamily:</b> Nucleotidyltransferase substrate binding subunit/domain <b>Family:</b> Family 1 bi-partite nucleotidyltransferase subunit
17	<a href="#">c2wb1Q_</a>			21.9	32	<b>PDB header:</b> transcription <b>Chain:</b> Q: <b>PDB Molecule:</b> dna-directed rna polymerase rpo13 subunit; <b>PDBTitle:</b> the complete structure of the archaeal 13-subunit dna-2 directed rna polymerase
18	<a href="#">c1f8aB_</a>			21.5	7	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> peptidyl-prolyl cis-trans isomerase nima-interacting 1; <b>PDBTitle:</b> structural basis for the phosphoserine-proline recognition by group iv2 ww domains
19	<a href="#">c2gl2B_</a>			21.3	12	<b>PDB header:</b> cell adhesion <b>Chain:</b> B: <b>PDB Molecule:</b> adhesion a; <b>PDBTitle:</b> crystal structure of the tetra mutant (t66g,r67g,f68g,y69g) of2 bacterial adhesin fada
20	<a href="#">c2wb1J_</a>			21.1	32	<b>PDB header:</b> transcription <b>Chain:</b> J: <b>PDB Molecule:</b> dna-directed rna polymerase rpo13 subunit; <b>PDBTitle:</b> the complete structure of the archaeal 13-subunit dna-2 directed rna polymerase
21	<a href="#">c3ucsB_</a>		not modelled	19.9	18	<b>PDB header:</b> chaperone <b>Chain:</b> B: <b>PDB Molecule:</b> chaperone-modulator protein cbpm; <b>PDBTitle:</b> crystal structure of the complex between cbpa j-domain and cbpm
22	<a href="#">c2dl1A_</a>		not modelled	17.9	14	<b>PDB header:</b> protein transport <b>Chain:</b> A: <b>PDB Molecule:</b> spartin; <b>PDBTitle:</b> solution structure of the mit domain from human spartin
23	<a href="#">c4h79A_</a>		not modelled	17.6	38	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> crispr-associated protein, cse2 family; <b>PDBTitle:</b> crystal structure of casb from thermobifida fusca
24	<a href="#">c2lw1A_</a>		not modelled	17.3	15	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> abc transporter atp-binding protein upp; <b>PDBTitle:</b> the c-terminal domain of the upp protein is a dna-binding coiled coil2 motif
25	<a href="#">c2krxA_</a>		not modelled	17.0	16	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> asl3597 protein; <b>PDBTitle:</b> solution nmr structure of asl3597 from nostoc sp. pcc7120, northeast2 structural genomics consortium target id nsr244.
26	<a href="#">c2r5xA_</a>		not modelled	16.1	17	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized conserved protein; <b>PDBTitle:</b> crystal structure of uncharacterized conserved protein yugn from2 geobacillus kaustophilus hta426
27	<a href="#">c6g6hB_</a>		not modelled	16.1	18	<b>PDB header:</b> de novo protein <b>Chain:</b> B: <b>PDB Molecule:</b> 5h2l_2.1-i9l; <b>PDBTitle:</b> crystal structure of an antiparallel five-helix coiled coil 5h2l_2.1-2 i9l
28	<a href="#">c6g6hE_</a>		not modelled	16.1	18	<b>PDB header:</b> de novo protein <b>Chain:</b> E: <b>PDB Molecule:</b> 5h2l_2.1-i9l; <b>PDBTitle:</b> crystal structure of an antiparallel five-helix coiled coil 5h2l_2.1-2 i9l

29	<a href="#">c6g6hD</a>		Alignment	not modelled	16.1	18	<b>PDB header:</b> de novo protein <b>Chain:</b> D: <b>PDB Molecule:</b> 5h2l_2.1-i9l; <b>PDBTitle:</b> crystal structure of an antiparallel five-helix coiled coil 5h2l_2.1-2 i9l
30	<a href="#">c6g6hC</a>		Alignment	not modelled	16.1	18	<b>PDB header:</b> de novo protein <b>Chain:</b> C: <b>PDB Molecule:</b> 5h2l_2.1-i9l; <b>PDBTitle:</b> crystal structure of an antiparallel five-helix coiled coil 5h2l_2.1-2 i9l
31	<a href="#">c6g6hA</a>		Alignment	not modelled	16.1	18	<b>PDB header:</b> de novo protein <b>Chain:</b> A: <b>PDB Molecule:</b> 5h2l_2.1-i9l; <b>PDBTitle:</b> crystal structure of an antiparallel five-helix coiled coil 5h2l_2.1-2 i9l
32	<a href="#">c4ysvA</a>		Alignment	not modelled	15.9	11	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> putative 4-aminobutyrate aminotransferase; <b>PDBTitle:</b> structure of aminoacid racemase in apo-form
33	<a href="#">c1ic2B</a>		Alignment	not modelled	15.9	16	<b>PDB header:</b> contractile protein <b>Chain:</b> B: <b>PDB Molecule:</b> tropomyosin alpha chain, skeletal muscle; <b>PDBTitle:</b> deciphering the design of the tropomyosin molecule
34	<a href="#">c2ehwD</a>		Alignment	not modelled	15.5	21	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> D: <b>PDB Molecule:</b> hypothetical protein tthb059; <b>PDBTitle:</b> conserved hypothetical protein (tthb059) from thermo thermophilus hb8
35	<a href="#">c3pu2G</a>		Alignment	not modelled	15.1	24	<b>PDB header:</b> structure genomics, unknown function <b>Chain:</b> G: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of the q3j4m4_rhos4 protein from rhodobacter2 sphaeroides. northeast structural genomics consortium target rhr263.
36	<a href="#">c1eqfA</a>		Alignment	not modelled	15.0	7	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> rna polymerase ii transcription initiation <b>PDBTitle:</b> crystal structure of the double bromodomain module from human tafii250
37	<a href="#">c2waqQ</a>		Alignment	not modelled	13.9	24	<b>PDB header:</b> transcription <b>Chain:</b> Q: <b>PDB Molecule:</b> dna-directed rna polymerase rpo13 subunit; <b>PDBTitle:</b> the complete structure of the archaeal 13-subunit dna-directed rna2 polymerase
38	<a href="#">c4mjsQ</a>		Alignment	not modelled	13.1	21	<b>PDB header:</b> transferase/protein binding <b>Chain:</b> Q: <b>PDB Molecule:</b> protein kinase c zeta type; <b>PDBTitle:</b> crystal structure of a pb1 complex
39	<a href="#">d1mb6a</a>		Alignment	not modelled	13.0	43	<b>Fold:</b> Knottins (small inhibitors, toxins, lectins) <b>Superfamily:</b> omega toxin-like <b>Family:</b> Spider toxins
40	<a href="#">c5n9jG</a>		Alignment	not modelled	12.7	13	<b>PDB header:</b> transcription <b>Chain:</b> G: <b>PDB Molecule:</b> mediator of rna polymerase ii transcription subunit 4; <b>PDBTitle:</b> core mediator of transcriptional regulation
41	<a href="#">d1niya</a>		Alignment	not modelled	12.7	43	<b>Fold:</b> Knottins (small inhibitors, toxins, lectins) <b>Superfamily:</b> omega toxin-like <b>Family:</b> Spider toxins
42	<a href="#">c5u07B</a>		Alignment	not modelled	12.6	17	<b>PDB header:</b> immune system <b>Chain:</b> B: <b>PDB Molecule:</b> cse2; <b>PDBTitle:</b> crisper rna-guided surveillance complex
43	<a href="#">c4iwB_A</a>		Alignment	not modelled	12.5	9	<b>PDB header:</b> motor protein <b>Chain:</b> A: <b>PDB Molecule:</b> flic, flis chimera; <b>PDBTitle:</b> novel fold of flic/flis fusion protein
44	<a href="#">c6dmpB</a>		Alignment	not modelled	12.1	22	<b>PDB header:</b> de novo protein <b>Chain:</b> B: <b>PDB Molecule:</b> designed orthogonal protein dhd13_xaaa_b; <b>PDBTitle:</b> de novo design of a protein heterodimer with specificity mediated by2 hydrogen bond networks
45	<a href="#">c2d9eA</a>		Alignment	not modelled	11.8	16	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> peregrin; <b>PDBTitle:</b> solution structure of the bromodomain of peregrin
46	<a href="#">c4rodA</a>		Alignment	not modelled	11.5	9	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcription factor iiib 50 kda subunit; <b>PDBTitle:</b> human tfiib-related factor 2 (brf2) and tbp bound to trna1 promoter
47	<a href="#">c4b1pJ</a>		Alignment	not modelled	11.4	18	<b>PDB header:</b> transferase/dna <b>Chain:</b> J: <b>PDB Molecule:</b> rna polymerase subunit 13; <b>PDBTitle:</b> archaeal rnap-dna binary complex at 4.32ang
48	<a href="#">c4hpqE</a>		Alignment	not modelled	11.4	19	<b>PDB header:</b> protein transport <b>Chain:</b> E: <b>PDB Molecule:</b> atg31; <b>PDBTitle:</b> crystal structure of the atg17-atg31-atg29 complex
49	<a href="#">c3g94B</a>		Alignment	not modelled	11.2	14	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> fructose-bisphosphate aldolase, class ii; <b>PDBTitle:</b> the crystal structure of fructose 1,6-bisphosphate aldolase from2 bacillus anthracis str. 'ames ancestor'
50	<a href="#">c5we3A</a>		Alignment	not modelled	11.1	33	<b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> beta-theraphotoxin-ps1a; <b>PDBTitle:</b> solution nmr structure of paurtx-3
51	<a href="#">d1m5ya3</a>		Alignment	not modelled	11.1	18	<b>Fold:</b> FKBP-like <b>Superfamily:</b> FKBP-like <b>Family:</b> FKBP immunophilin/proline isomerase
52	<a href="#">c2lj4A</a>		Alignment	not modelled	10.9	10	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> peptidyl-prolyl cis-trans isomerase/rotamase, putative; <b>PDBTitle:</b> solution structure of the tbpin1
53	<a href="#">c4aybO</a>		Alignment	not modelled	10.9	18	<b>PDB header:</b> transferase <b>Chain:</b> Q: <b>PDB Molecule:</b> dna-directed rna polymerase; <b>PDBTitle:</b> nrap at 3.2ang
54	<a href="#">c1yw5A</a>		Alignment	not modelled	10.9	10	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> peptidyl prolyl cis/trans isomerase; <b>PDBTitle:</b> peptidyl-prolyl isomerase ess1 from candida albicans

55	<a href="#">c5lxoG</a>		Alignment	not modelled	10.8	15	<b>PDB header:</b> structural protein <b>Chain:</b> G; <b>PDB Molecule:</b> transforming acidic coiled-coil-containing protein 3; <b>PDBTitle:</b> coiled-coil protein
56	<a href="#">c3mxzA</a>		Alignment	not modelled	10.5	19	<b>PDB header:</b> chaperone <b>Chain:</b> A; <b>PDB Molecule:</b> tubulin-specific chaperone a; <b>PDBTitle:</b> crystal structure of tubulin folding cofactor a from arabidopsis2 thaliana
57	<a href="#">c5epmC</a>		Alignment	not modelled	10.4	57	<b>PDB header:</b> toxin/immune system <b>Chain:</b> C; <b>PDB Molecule:</b> beta-theraphotoxin-cm1a; <b>PDBTitle:</b> ceratoxin variant in complex with specific antibody fab fragment
58	<a href="#">c4eijA</a>		Alignment	not modelled	10.2	24	<b>PDB header:</b> replication <b>Chain:</b> A; <b>PDB Molecule:</b> p protein; <b>PDBTitle:</b> structure of the mumps virus phosphoprotein oligomerization domain
59	<a href="#">c3epyA</a>		Alignment	not modelled	10.0	27	<b>PDB header:</b> lipid binding protein <b>Chain:</b> A; <b>PDB Molecule:</b> acyl-coa-binding domain-containing protein 7; <b>PDBTitle:</b> crystal structure of human acyl-coa binding domain 7 complexed with2 palmitoyl-coa
60	<a href="#">c4merD</a>		Alignment	not modelled	10.0	5	<b>PDB header:</b> unknown function <b>Chain:</b> D; <b>PDB Molecule:</b> streptococcal histidine-rich glycoprotein interacting <b>PDBTitle:</b> crystal structure of the novel protein and virulence factor ship2 (q99xu0) from streptococcus pyogenes
61	<a href="#">c4uotD</a>		Alignment	not modelled	9.8	18	<b>PDB header:</b> de novo protein <b>Chain:</b> D; <b>PDB Molecule:</b> designed helical bundle 5h2l; <b>PDBTitle:</b> thermodynamic hyperstability in parametrically designed2 helical bundles
62	<a href="#">c4uotC</a>		Alignment	not modelled	9.8	18	<b>PDB header:</b> de novo protein <b>Chain:</b> C; <b>PDB Molecule:</b> designed helical bundle 5h2l; <b>PDBTitle:</b> thermodynamic hyperstability in parametrically designed2 helical bundles
63	<a href="#">c4uotA</a>		Alignment	not modelled	9.8	18	<b>PDB header:</b> de novo protein <b>Chain:</b> A; <b>PDB Molecule:</b> designed helical bundle 5h2l; <b>PDBTitle:</b> thermodynamic hyperstability in parametrically designed2 helical bundles
64	<a href="#">c4uotE</a>		Alignment	not modelled	9.8	18	<b>PDB header:</b> de novo protein <b>Chain:</b> E; <b>PDB Molecule:</b> designed helical bundle 5h2l; <b>PDBTitle:</b> thermodynamic hyperstability in parametrically designed2 helical bundles
65	<a href="#">c4uotB</a>		Alignment	not modelled	9.8	18	<b>PDB header:</b> de novo protein <b>Chain:</b> B; <b>PDB Molecule:</b> designed helical bundle 5h2l; <b>PDBTitle:</b> thermodynamic hyperstability in parametrically designed2 helical bundles
66	<a href="#">d1wwma1</a>		Alignment	not modelled	9.6	20	<b>Fold:</b> Heme oxygenase-like <b>Superfamily:</b> Heme oxygenase-like <b>Family:</b> TENa/THI-4
67	<a href="#">d2ftsa2</a>		Alignment	not modelled	9.6	7	<b>Fold:</b> MoeA N-terminal region -like <b>Superfamily:</b> MoeA N-terminal region -like <b>Family:</b> MoeA N-terminal region -like
68	<a href="#">d1uz5a2</a>		Alignment	not modelled	9.5	7	<b>Fold:</b> MoeA N-terminal region -like <b>Superfamily:</b> MoeA N-terminal region -like <b>Family:</b> MoeA N-terminal region -like
69	<a href="#">c4b1oQ</a>		Alignment	not modelled	9.4	18	<b>PDB header:</b> transferase/dna <b>Chain:</b> Q; <b>PDB Molecule:</b> rna polymerase subunit 13; <b>PDBTitle:</b> archaeal rnap-dna binary complex at 4.32ang
70	<a href="#">c6dmpA</a>		Alignment	not modelled	9.4	21	<b>PDB header:</b> de novo protein <b>Chain:</b> A; <b>PDB Molecule:</b> designed orthogonal protein dhd13_xaaa_a; <b>PDBTitle:</b> de novo design of a protein heterodimer with specificity mediated by2 hydrogen bond networks
71	<a href="#">c5jfzB</a>		Alignment	not modelled	9.3	22	<b>PDB header:</b> transferase <b>Chain:</b> B; <b>PDB Molecule:</b> uncharacterized protein yhfg; <b>PDBTitle:</b> e. coli ecfici in complex with ecfcia mutant e28g
72	<a href="#">c5jfzF</a>		Alignment	not modelled	9.3	22	<b>PDB header:</b> transferase <b>Chain:</b> F; <b>PDB Molecule:</b> uncharacterized protein yhfg; <b>PDBTitle:</b> e. coli ecfici in complex with ecfcia mutant e28g
73	<a href="#">c3ctwB</a>		Alignment	not modelled	9.0	35	<b>PDB header:</b> protein binding <b>Chain:</b> B; <b>PDB Molecule:</b> rcda; <b>PDBTitle:</b> crystal structure of rcda from caulobacter crescentus cb15
74	<a href="#">d1riqa1</a>		Alignment	not modelled	9.0	20	<b>Fold:</b> Putative anticodon-binding domain of alanyl-tRNA synthetase (AlaRS) <b>Superfamily:</b> Putative anticodon-binding domain of alanyl-tRNA synthetase (AlaRS) <b>Family:</b> Putative anticodon-binding domain of alanyl-tRNA synthetase (AlaRS)
75	<a href="#">c3elfA</a>		Alignment	not modelled	8.5	10	<b>PDB header:</b> lyase <b>Chain:</b> A; <b>PDB Molecule:</b> fructose-bisphosphate aldolase; <b>PDBTitle:</b> structural characterization of tetrameric mycobacterium tuberculosis2 fructose 1,6-bisphosphate aldolase - substrate binding and catalysis3 mechanism of a class iia bacterial aldolase
76	<a href="#">c4wvmB</a>		Alignment	not modelled	8.5	2	<b>PDB header:</b> toxin <b>Chain:</b> B; <b>PDB Molecule:</b> stonustoxin subunit beta; <b>PDBTitle:</b> stonustoxin structure
77	<a href="#">c5tosB</a>		Alignment	not modelled	8.5	16	<b>PDB header:</b> transferase <b>Chain:</b> B; <b>PDB Molecule:</b> serine/threonine-protein kinase bik1; <b>PDBTitle:</b> botrytis-induced kinase 1 (bik1) from arabidopsis thaliana
78	<a href="#">c1u2uA</a>		Alignment	not modelled	8.3	23	<b>PDB header:</b> transcription <b>Chain:</b> A; <b>PDB Molecule:</b> general control protein gcn4; <b>PDBTitle:</b> nmr solution structure of a designed heterodimeric leucine2 zipper
79	<a href="#">c4amqA</a>		Alignment	not modelled	8.3	15	<b>PDB header:</b> transferase <b>Chain:</b> A; <b>PDB Molecule:</b> i544; <b>PDBTitle:</b> a megaviridae orfan gene encodes a new nucleotidyl

						transferase
80	<a href="#">c3cmaG_</a>		Alignment	not modelled	8.2	23 <b>PDB header:</b> ribosome <b>Chain:</b> G: <b>PDB Molecule:</b> 50s ribosomal protein l10e; <b>PDBTitle:</b> the structure of cca and cca-phe-cap-bio bound to the large ribosomal2 subunit of haloarcula marismortui
81	<a href="#">c2iswB_</a>		Alignment	not modelled	8.2	14 <b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> putative fructose-1,6-bisphosphate aldolase; <b>PDBTitle:</b> structure of giardia fructose-1,6-biphosphate aldolase in2 complex with phosphoglycolohydroxamate
82	<a href="#">c3u0cA_</a>		Alignment	not modelled	8.0	10 <b>PDB header:</b> cell invasion <b>Chain:</b> A: <b>PDB Molecule:</b> invasin ipab; <b>PDBTitle:</b> crystal structure of n-terminal region of type iii secretion first2 translocator ipab (residues 74-224)
83	<a href="#">d1j6ya_</a>		Alignment	not modelled	8.0	8 <b>Fold:</b> FKBP-like <b>Superfamily:</b> FKBP-like <b>Family:</b> FKBP immunophilin/proline isomerase
84	<a href="#">c5jffD_</a>		Alignment	not modelled	7.8	22 <b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> uncharacterized protein yhfg; <b>PDBTitle:</b> e. coli ecfC mutant g55r in complex with ecfCfa
85	<a href="#">c5uyoA_</a>		Alignment	not modelled	7.8	25 <b>PDB header:</b> de novo protein <b>Chain:</b> A: <b>PDB Molecule:</b> sheeh_rd4_0097; <b>PDBTitle:</b> solution nmr structure of the de novo mini protein sheeh_rd4_0097
86	<a href="#">c6btvA_</a>		Alignment	not modelled	7.8	57 <b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> beta-theraphotoxin-cm1b; <b>PDBTitle:</b> solution nmr structures for ccotx-ii
87	<a href="#">c3cd0B_</a>		Alignment	not modelled	7.6	20 <b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> 3-hydroxy-3-methylglutaryl-coenzyme a reductase; <b>PDBTitle:</b> thermodynamic and structure guided design of statin hmg-coa reductase2 inhibitors
88	<a href="#">d2cptA1</a>		Alignment	not modelled	7.4	17 <b>Fold:</b> Spectrin repeat-like <b>Superfamily:</b> MIT domain <b>Family:</b> MIT domain
89	<a href="#">d1dqaa4</a>		Alignment	not modelled	7.4	20 <b>Fold:</b> Substrate-binding domain of HMG-CoA reductase <b>Superfamily:</b> Substrate-binding domain of HMG-CoA reductase <b>Family:</b> Substrate-binding domain of HMG-CoA reductase
90	<a href="#">d1gvfa_</a>		Alignment	not modelled	7.3	10 <b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class II FBP aldolase
91	<a href="#">c3l32B_</a>		Alignment	not modelled	7.3	30 <b>PDB header:</b> viral protein <b>Chain:</b> B: <b>PDB Molecule:</b> phosphoprotein; <b>PDBTitle:</b> structure of the dimerisation domain of the rabies virus2 phosphoprotein
92	<a href="#">d1dosa_</a>		Alignment	not modelled	7.3	10 <b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class II FBP aldolase
93	<a href="#">c3cmeG_</a>		Alignment	not modelled	7.3	24 <b>PDB header:</b> ribosome <b>Chain:</b> G: <b>PDB Molecule:</b> 50s ribosomal protein l10e; <b>PDBTitle:</b> the structure of ca and cca-phe-cap-bio bound to the large ribosomal2 subunit of haloarcula marismortui
94	<a href="#">c6ofuC_</a>		Alignment	not modelled	7.3	17 <b>PDB header:</b> lyase <b>Chain:</b> C: <b>PDB Molecule:</b> ydji aldolase; <b>PDBTitle:</b> x-ray crystal structure of the ydji aldolase from escherichia coli k12
95	<a href="#">c1junB_</a>		Alignment	not modelled	7.2	18 <b>PDB header:</b> transcription regulation <b>Chain:</b> B: <b>PDB Molecule:</b> c-jun homodimer; <b>PDBTitle:</b> nmr study of c-jun homodimer
96	<a href="#">c5h3iC_</a>		Alignment	not modelled	7.2	18 <b>PDB header:</b> lipid binding protein <b>Chain:</b> C: <b>PDB Molecule:</b> putative acyl-coa-binding protein; <b>PDBTitle:</b> crystal structure of oryza sativa acyl-coa-binding protein 2
97	<a href="#">c2mt7A_</a>		Alignment	not modelled	7.1	43 <b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> hs1a; <b>PDBTitle:</b> solution structure of spider-venom peptide hs1a
98	<a href="#">c4zmiA_</a>		Alignment	not modelled	7.1	30 <b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> telomere length regulator taz1; <b>PDBTitle:</b> crystal structure of the helical domain of s. pombe taz1
99	<a href="#">c4pn8C_</a>		Alignment	not modelled	7.1	13 <b>PDB header:</b> de novo protein <b>Chain:</b> C: <b>PDB Molecule:</b> cc-pent; <b>PDBTitle:</b> a de novo designed pentameric coiled coil cc-pent.