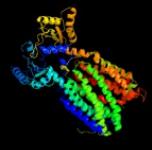
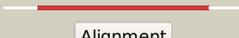
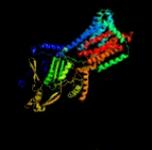
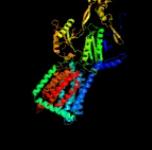
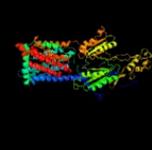
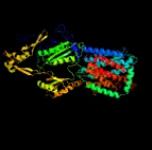


# Phyre2

Email [mdejesus@rockefeller.edu](mailto:mdejesus@rockefeller.edu)  
 Description RVBD2942\_(mmpL7)\_3285080\_3287842  
 Date Thu Aug 8 16:20:10 BST 2019  
 Unique Job ID 4c1243b0a1812732

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c6ajjA_</a>	 Alignment		100.0	15	<b>PDB header:</b> membrane protein, hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> drug exporters of the rnd superfamily-like protein, <b>PDBTitle:</b> crystal structure of mycolic acid transporter mmpL3 from mycobacterium2 smegmatis complexed with ica38
2	<a href="#">c5lq3F_</a>	 Alignment		100.0	11	<b>PDB header:</b> transport protein <b>Chain:</b> F: <b>PDB Molecule:</b> cmeb; <b>PDBTitle:</b> structures and transport dynamics of the campylobacter jejuni2 multidrug efflux pump cmeb
3	<a href="#">c3k07A_</a>	 Alignment		100.0	12	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> cation efflux system protein cusa; <b>PDBTitle:</b> crystal structure of cusa
4	<a href="#">c6owsB_</a>	 Alignment		100.0	12	<b>PDB header:</b> membrane protein <b>Chain:</b> B: <b>PDB Molecule:</b> efflux pump membrane transporter; <b>PDBTitle:</b> cryo-em structure of an acinetobacter baumannii multidrug efflux pump
5	<a href="#">c4mt1A_</a>	 Alignment		100.0	12	<b>PDB header:</b> membrane protein, transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> drug efflux protein; <b>PDBTitle:</b> crystal structure of the neisseria gonorrhoeae mtrd inner membrane2 multidrug efflux pump
6	<a href="#">c2v50A_</a>	 Alignment		100.0	12	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> multidrug resistance protein mexb; <b>PDBTitle:</b> the missing part of the bacterial mexab-oprm system: structural2 determination of the multidrug exporter mexb
7	<a href="#">c1oy8A_</a>	 Alignment		100.0	12	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> acriflavine resistance protein b; <b>PDBTitle:</b> structural basis of multiple drug binding capacity of the acrb2 multidrug efflux pump
8	<a href="#">c4k0eA_</a>	 Alignment		100.0	14	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> heavy metal cation tricomponent efflux pump znea(czca- <b>PDBTitle:</b> x-ray crystal structure of a heavy metal efflux pump, crystal form ii
9	<a href="#">c5khnB_</a>	 Alignment		100.0	16	<b>PDB header:</b> membrane protein <b>Chain:</b> B: <b>PDB Molecule:</b> rnd transporter; <b>PDBTitle:</b> crystal structures of the burkholderia multivorans hopanoid2 transporter hpnn
10	<a href="#">c6cxsA_</a>	 Alignment		100.0	12	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> multidrug efflux pump subunit acrb; <b>PDBTitle:</b> single particles cryo-em structure of acrb d407a associated with lipid2 bilayer at 3.0 angstrom
11	<a href="#">c4k0eC_</a>	 Alignment		100.0	14	<b>PDB header:</b> transport protein <b>Chain:</b> C: <b>PDB Molecule:</b> heavy metal cation tricomponent efflux pump znea(czca- <b>PDBTitle:</b> x-ray crystal structure of a heavy metal efflux pump, crystal form ii

12	<a href="#">c6dmoA_</a>	Alignment		100.0	12	<b>PDB header:</b> protein binding <b>Chain:</b> A: <b>PDB Molecule:</b> protein patched homolog 1; <b>PDBTitle:</b> cryo-em structure of human ptch1 with three mutations I282q/t500f/p504l
13	<a href="#">c3aaqB_</a>	Alignment		100.0	14	<b>PDB header:</b> membrane protein <b>Chain:</b> B: <b>PDB Molecule:</b> probable secdf protein-export membrane protein; <b>PDBTitle:</b> crystal structure of secdf, a translocon-associated membrane protein,2 from thermus throphilus
14	<a href="#">c3jd8A_</a>	Alignment		100.0	15	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> niemann-pick c1 protein; <b>PDBTitle:</b> cryo-em structure of the full-length human npc1 at 4.4 angstrom
15	<a href="#">c5xamA_</a>	Alignment		100.0	12	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> protein translocase subunit secd; <b>PDBTitle:</b> crystal structure of secdf in i form at 4 a resolution
16	<a href="#">d1iwga8</a>	Alignment		99.9	10	<b>Fold:</b> Multidrug efflux transporter AcrB transmembrane domain <b>Superfamily:</b> Multidrug efflux transporter AcrB transmembrane domain <b>Family:</b> Multidrug efflux transporter AcrB transmembrane domain
17	<a href="#">c5mg3D_</a>	Alignment		99.9	8	<b>PDB header:</b> chaperone <b>Chain:</b> D: <b>PDB Molecule:</b> protein translocase subunit secd; <b>PDBTitle:</b> em fitted model of bacterial holo-translocon
18	<a href="#">c5mg3F_</a>	Alignment		99.8	13	<b>PDB header:</b> chaperone <b>Chain:</b> F: <b>PDB Molecule:</b> protein translocase subunit secf; <b>PDBTitle:</b> em fitted model of bacterial holo-translocon
19	<a href="#">d1iwga7</a>	Alignment		99.8	14	<b>Fold:</b> Multidrug efflux transporter AcrB transmembrane domain <b>Superfamily:</b> Multidrug efflux transporter AcrB transmembrane domain <b>Family:</b> Multidrug efflux transporter AcrB transmembrane domain
20	<a href="#">c5ensA_</a>	Alignment		99.3	13	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> multidrug efflux pump subunit acrb,multidrug efflux pump <b>PDBTitle:</b> rhodamine bound structure of bacterial efflux pump.
21	<a href="#">c4r86B_</a>	Alignment	not modelled	98.4	10	<b>PDB header:</b> protein transport <b>Chain:</b> B: <b>PDB Molecule:</b> rnd family aminoglycoside/multidrug efflux pump; <b>PDBTitle:</b> crystal structure of aminoglycoside/multidrug efflux system acrd from2 salmonella typhimurium
22	<a href="#">d1iwga3</a>	Alignment	not modelled	90.5	13	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Multidrug efflux transporter AcrB pore domain; PN1, PN2, PC1 and PC2 subdomains <b>Family:</b> Multidrug efflux transporter AcrB pore domain; PN1, PN2, PC1 and PC2 subdomains
23	<a href="#">d1iwga2</a>	Alignment	not modelled	82.1	8	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Multidrug efflux transporter AcrB pore domain; PN1, PN2, PC1 and PC2 subdomains <b>Family:</b> Multidrug efflux transporter AcrB pore domain; PN1, PN2, PC1 and PC2 subdomains
24	<a href="#">d1iwga6</a>	Alignment	not modelled	74.4	8	<b>Fold:</b> Multidrug efflux transporter AcrB TolC docking domain; DN and DC subdomains <b>Superfamily:</b> Multidrug efflux transporter AcrB TolC docking domain; DN and DC subdomains <b>Family:</b> Multidrug efflux transporter AcrB TolC docking domain; DN and DC subdomains
25	<a href="#">c4y0IA_</a>	Alignment	not modelled	33.7	22	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> putative membrane protein mmp111; <b>PDBTitle:</b> mycobacterial membrane protein mmp11d2
26	<a href="#">d1iwga4</a>	Alignment	not modelled	28.2	10	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Multidrug efflux transporter AcrB pore domain; PN1, PN2, PC1 and PC2 subdomains <b>Family:</b> Multidrug efflux transporter AcrB pore domain; PN1, PN2, PC1 and PC2 subdomains
27	<a href="#">c5v6xB_</a>	Alignment	not modelled	24.8	20	<b>PDB header:</b> ligase/rna <b>Chain:</b> B: <b>PDB Molecule:</b> pyrrolysine--trna ligase; <b>PDBTitle:</b> crystal structure of the trna binding domain of pyrrolysyl-

						trna2 synthetase mutant (32a ntd) bound to trna(pyl) <b>PDB header:</b> hydrolase <b>Chain:</b> F; <b>PDB Molecule:</b> putative tautomerase; <b>PDBTitle:</b> crystal structure of cg10062 inactivated by(r)-oxirane-2-carboxylate
28	<a href="#">c3n4dF_</a>	Alignment	not modelled	22.6	12	
29	<a href="#">c1ciiA_</a>	Alignment	not modelled	18.5	15	<b>PDB header:</b> transmembrane protein <b>Chain:</b> A; <b>PDB Molecule:</b> colicin ia; <b>PDBTitle:</b> colicin ia
30	<a href="#">c4ev6E_</a>	Alignment	not modelled	18.2	4	<b>PDB header:</b> metal transport <b>Chain:</b> E; <b>PDB Molecule:</b> magnesium transport protein cora; <b>PDBTitle:</b> the complete structure of cora magnesium transporter from2 methanocaldococcus jannaschii
31	<a href="#">c6adqP_</a>	Alignment	not modelled	16.7	20	<b>PDB header:</b> electron transport <b>Chain:</b> P; <b>PDB Molecule:</b> prokaryotic respiratory supercomplex associate factor 1 <b>PDBTitle:</b> respiratory complex ciii2civ2sod2 from mycobacterium smegmatis
32	<a href="#">c6b2zf_</a>	Alignment	not modelled	15.8	10	<b>PDB header:</b> membrane protein <b>Chain:</b> F; <b>PDB Molecule:</b> atp synthase subunit c, mitochondrial; <b>PDBTitle:</b> cryo-em structure of the dimeric fo region of yeast mitochondrial atp2 synthase
33	<a href="#">c3jlzP_</a>	Alignment	not modelled	15.6	12	<b>PDB header:</b> metal transport <b>Chain:</b> P; <b>PDB Molecule:</b> cation efflux family protein; <b>PDBTitle:</b> inward-facing conformation of the zinc transporter yiiip revealed by2 cryo-electron microscopy
34	<a href="#">c6b8ht_</a>	Alignment	not modelled	15.1	10	<b>PDB header:</b> membrane protein <b>Chain:</b> T; <b>PDB Molecule:</b> atp synthase subunit 9, mitochondrial; <b>PDBTitle:</b> mosaic model of yeast mitochondrial atp synthase monomer
35	<a href="#">c2m67A_</a>	Alignment	not modelled	14.7	10	<b>PDB header:</b> transport protein <b>Chain:</b> A; <b>PDB Molecule:</b> merf; <b>PDBTitle:</b> full-length mercury transporter protein merf in lipid bilayer2 membranes
36	<a href="#">c2flzC_</a>	Alignment	not modelled	14.5	10	<b>PDB header:</b> hydrolase <b>Chain:</b> C; <b>PDB Molecule:</b> cis-3-chloroacrylic acid dehalogenase; <b>PDBTitle:</b> the x-ray structure of cis-3-chloroacrylic acid dehalogenase (cis-2 caad) with a sulfate ion bound in the active site
37	<a href="#">c5gk9B_</a>	Alignment	not modelled	14.2	100	<b>PDB header:</b> transferase/metal binding protein <b>Chain:</b> B; <b>PDB Molecule:</b> brd1 protein; <b>PDBTitle:</b> crystal structure of human hbo1 in complex with brpf2
38	<a href="#">d1pzra_</a>	Alignment	not modelled	12.9	19	<b>Fold:</b> HLH-like <b>Superfamily:</b> Docking domain B of the erythromycin polyketide synthase (DEBS) <b>Family:</b> Docking domain B of the erythromycin polyketide synthase (DEBS)
39	<a href="#">d1a87a_</a>	Alignment	not modelled	12.5	11	<b>Fold:</b> Toxins' membrane translocation domains <b>Superfamily:</b> Colicin <b>Family:</b> Colicin
40	<a href="#">c1a87A_</a>	Alignment	not modelled	12.5	11	<b>PDB header:</b> bacteriocin <b>Chain:</b> A; <b>PDB Molecule:</b> colicin n; <b>PDBTitle:</b> colicin n
41	<a href="#">c4rhoA_</a>	Alignment	not modelled	12.1	13	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A; <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of a hypothetical protein (bps12088) from2 burkholderia pseudomallei k96243 at 2.25 a resolution
42	<a href="#">c4kppA_</a>	Alignment	not modelled	12.1	12	<b>PDB header:</b> membrane protein <b>Chain:</b> A; <b>PDB Molecule:</b> putative uncharacterized protein; <b>PDBTitle:</b> crystal structure of h+/ca2+ exchanger cax
43	<a href="#">c6f0kA_</a>	Alignment	not modelled	11.7	18	<b>PDB header:</b> membrane protein <b>Chain:</b> A; <b>PDB Molecule:</b> cytochrome c family protein; <b>PDBTitle:</b> alternative complex iii
44	<a href="#">c3tijA_</a>	Alignment	not modelled	11.2	15	<b>PDB header:</b> membrane protein <b>Chain:</b> A; <b>PDB Molecule:</b> nupc family protein; <b>PDBTitle:</b> crystal structure of a concentrative nucleoside transporter from2 vibrio cholerae
45	<a href="#">c2lj2A_</a>	Alignment	not modelled	11.1	11	<b>PDB header:</b> membrane protein <b>Chain:</b> A; <b>PDB Molecule:</b> merf; <b>PDBTitle:</b> integral membrane core domain of the mercury transporter merf in lipid2 bilayer membranes
46	<a href="#">c2yvxD_</a>	Alignment	not modelled	10.9	14	<b>PDB header:</b> transport protein <b>Chain:</b> D; <b>PDB Molecule:</b> mg2+ transporter mgte; <b>PDBTitle:</b> crystal structure of magnesium transporter mgte
47	<a href="#">c3tufA_</a>	Alignment	not modelled	10.6	8	<b>PDB header:</b> signaling protein <b>Chain:</b> A; <b>PDB Molecule:</b> stage iii sporulation protein ah; <b>PDBTitle:</b> structure of the spoiiq-spoiiiah pore forming complex.
48	<a href="#">c2mkaB_</a>	Alignment	not modelled	10.0	11	<b>PDB header:</b> immune system <b>Chain:</b> B; <b>PDB Molecule:</b> toll-like receptor 3; <b>PDBTitle:</b> spatial structure of the toll-like receptor 3 transmembrane domain in2 the trimeric state
49	<a href="#">c2mkaC_</a>	Alignment	not modelled	10.0	11	<b>PDB header:</b> immune system <b>Chain:</b> C; <b>PDB Molecule:</b> toll-like receptor 3; <b>PDBTitle:</b> spatial structure of the toll-like receptor 3 transmembrane domain in2 the trimeric state
50	<a href="#">c2mk9B_</a>	Alignment	not modelled	10.0	11	<b>PDB header:</b> immune system <b>Chain:</b> B; <b>PDB Molecule:</b> toll-like receptor 3; <b>PDBTitle:</b> spatial structure of the dimeric transmembrane domain of toll-like2 receptor 3
51	<a href="#">c2mkaA_</a>	Alignment	not modelled	10.0	11	<b>PDB header:</b> immune system <b>Chain:</b> A; <b>PDB Molecule:</b> toll-like receptor 3; <b>PDBTitle:</b> spatial structure of the toll-like receptor 3 transmembrane domain in2 the trimeric state
52	<a href="#">c2mk9A_</a>	Alignment	not modelled	10.0	11	<b>PDB header:</b> immune system <b>Chain:</b> A; <b>PDB Molecule:</b> toll-like receptor 3; <b>PDBTitle:</b> spatial structure of the dimeric transmembrane domain of toll-like2 receptor 3
53	<a href="#">c125A_</a>	Alignment	not modelled	9.9	16	<b>PDB header:</b> protein binding <b>Chain:</b> A; <b>PDB Molecule:</b> dap12-nkg2c tm;

53	<a href="#">c2192A_</a>	Alignment	not modelled	9.9	10	<b>PDBTitle:</b> structure of the dap12-nkg2c transmembrane heterotrimer <b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> cmp/dcmp deaminase, zinc-binding protein;
54	<a href="#">c5xkrA_</a>	Alignment	not modelled	9.7	17	<b>PDBTitle:</b> crystal structure of msmeg3575 in complex with benzoguanamine
55	<a href="#">d1gtra2</a>	Alignment	not modelled	9.3	63	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Nucleotidyl transferase <b>Family:</b> Class I aminoacyl-tRNA synthetases (RS), catalytic domain
56	<a href="#">d1sd4a_</a>	Alignment	not modelled	9.2	9	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Penicillinase repressor
57	<a href="#">c5lj7B_</a>	Alignment	not modelled	9.1	16	<b>PDB header:</b> transport protein <b>Chain:</b> B: <b>PDB Molecule:</b> macrolide export atp-binding/permease protein macb; <b>PDBTitle:</b> structure of aggregatibacter actinomycetemcomitans macb bound to atp2 (p21)
58	<a href="#">c3bb5B_</a>	Alignment	not modelled	9.0	7	<b>PDB header:</b> unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> stress responsive alpha-beta protein; <b>PDBTitle:</b> crystal structure of a dimeric ferredoxin-like protein of unknown2 function (jann_3925) from jannaschia sp. ccs1 at 2.30 a resolution
59	<a href="#">c6fkip_</a>	Alignment	not modelled	8.3	24	<b>PDB header:</b> membrane protein <b>Chain:</b> P: <b>PDB Molecule:</b> atp synthase subunit c, chloroplastic; <b>PDBTitle:</b> chloroplast f1fo conformation 3
60	<a href="#">c5aj3m_</a>	Alignment	not modelled	8.3	44	<b>PDB header:</b> ribosome <b>Chain:</b> M: <b>PDB Molecule:</b> <b>PDBTitle:</b> structure of the small subunit of the mammalian mitoribosome
61	<a href="#">c3w66A_</a>	Alignment	not modelled	8.1	10	<b>PDB header:</b> metal transport <b>Chain:</b> A: <b>PDB Molecule:</b> magnetosome protein mamm; <b>PDBTitle:</b> mamm-ctd d249a and h285a
62	<a href="#">d1nzza_</a>	Alignment	not modelled	7.9	75	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Nucleotidyl transferase <b>Family:</b> Class I aminoacyl-tRNA synthetases (RS), catalytic domain
63	<a href="#">d2cupa2</a>	Alignment	not modelled	7.8	15	<b>Fold:</b> Glucocorticoid receptor-like (DNA-binding domain) <b>Superfamily:</b> Glucocorticoid receptor-like (DNA-binding domain) <b>Family:</b> LIM domain
64	<a href="#">c4p6vE_</a>	Alignment	not modelled	7.8	15	<b>PDB header:</b> oxidoreductase <b>Chain:</b> E: <b>PDB Molecule:</b> na(+)-translocating nadh-quinone reductase subunit e; <b>PDBTitle:</b> crystal structure of the na+-translocating nadh: ubiquinone2 oxidoreductase from vibrio cholerae
65	<a href="#">d1kkga_</a>	Alignment	not modelled	7.8	16	<b>Fold:</b> Alpha-lytic protease prodomain-like <b>Superfamily:</b> Ribosome-binding factor A, RbfA <b>Family:</b> Ribosome-binding factor A, RbfA
66	<a href="#">d1q4ra_</a>	Alignment	not modelled	7.3	12	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Dimeric alpha+beta barrel <b>Family:</b> Plant stress-induced protein
67	<a href="#">c6nbxG_</a>	Alignment	not modelled	7.3	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> G: <b>PDB Molecule:</b> nadh-quinone oxidoreductase subunit j; <b>PDBTitle:</b> t.elongatus ndh (data-set 2)
68	<a href="#">c5lj3P_</a>	Alignment	not modelled	7.2	15	<b>PDB header:</b> splicing <b>Chain:</b> P: <b>PDB Molecule:</b> cwc15; <b>PDBTitle:</b> structure of the core of the yeast spliceosome immediately after2 branching
69	<a href="#">c3lw5H_</a>	Alignment	not modelled	7.2	10	<b>PDB header:</b> photosynthesis <b>Chain:</b> H: <b>PDB Molecule:</b> putative uncharacterized protein; <b>PDBTitle:</b> improved model of plant photosystem i
70	<a href="#">c6f46A_</a>	Alignment	not modelled	7.1	22	<b>PDB header:</b> apoptosis <b>Chain:</b> A: <b>PDB Molecule:</b> bcl-2-like protein 1; <b>PDBTitle:</b> structure of the transmembrane helix of bclxl in phospholipid2 nanodiscs
71	<a href="#">c3al0C_</a>	Alignment	not modelled	6.9	75	<b>PDB header:</b> ligase/rna <b>Chain:</b> C: <b>PDB Molecule:</b> glutamyl-trna(gln) amidotransferase subunit c,linker, <b>PDBTitle:</b> crystal structure of the glutamine transamidosome from thermotoga2 maritima in the glutamylation state.
72	<a href="#">c2o5rA_</a>	Alignment	not modelled	6.9	75	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> glutamyl-trna synthetase 1; <b>PDBTitle:</b> crystal structure of glutamyl-trna synthetase 1 (ec 6.1.1.17)2 (glutamate-trna ligase 1) (glurs 1) (tm1351) from thermotoga maritima3 at 2.5 a resolution
73	<a href="#">c3c6vB_</a>	Alignment	not modelled	6.8	11	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> probable tautomerase/dehalogenase au4130; <b>PDBTitle:</b> crystal structure of au4130/apc7354, a probable enzyme from the2 thermophilic fungus aspergillus fumigatus
74	<a href="#">d1ulza1</a>	Alignment	not modelled	6.7	19	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Rudiment single hybrid motif <b>Family:</b> BC C-terminal domain-like
75	<a href="#">d1nwba_</a>	Alignment	not modelled	6.6	13	<b>Fold:</b> HesB-like domain <b>Superfamily:</b> HesB-like domain <b>Family:</b> HesB-like domain
76	<a href="#">c4pf8A_</a>	Alignment	not modelled	6.6	11	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> trap-t family transporter, dctp (periplasmic binding) <b>PDBTitle:</b> crystal structure of a trap periplasmic solute binding protein from2 sulfitebacter sp. nas-14.1 (target efi-510299) with bound beta-d-3 galacturonate
77	<a href="#">d1josa_</a>	Alignment	not modelled	6.6	13	<b>Fold:</b> Alpha-lytic protease prodomain-like <b>Superfamily:</b> Ribosome-binding factor A, RbfA <b>Family:</b> Ribosome-binding factor A, RbfA

78	<a href="#">c3afhA_</a>	Alignment	not modelled	6.6	75	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> glutamyl-trna synthetase 2; <b>PDBTitle:</b> crystal structure of thermotoga maritima nondiscriminating glutamyl-2 trna synthetase in complex with a glutamyl-amp analog
79	<a href="#">c2wsfH_</a>	Alignment	not modelled	6.6	9	<b>PDB header:</b> photosynthesis <b>Chain:</b> H: <b>PDB Molecule:</b> photosystem i reaction center subunit vi, chloroplastic; <b>PDBTitle:</b> improved model of plant photosystem i
80	<a href="#">c3cwcB_</a>	Alignment	not modelled	6.6	21	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> putative glycerate kinase 2; <b>PDBTitle:</b> crystal structure of putative glycerate kinase 2 from salmonella2 typhimurium lt2
81	<a href="#">d1aopa2</a>	Alignment	not modelled	6.5	12	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Nitrite/Sulfite reductase N-terminal domain-like <b>Family:</b> Duplicated SiR/NiR-like domains 1 and 3
82	<a href="#">d1j09a2</a>	Alignment	not modelled	6.5	63	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Nucleotidyl transferase <b>Family:</b> Class I aminoacyl-tRNA synthetases (RS), catalytic domain
83	<a href="#">c3uz0A_</a>	Alignment	not modelled	6.5	8	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> stage iii sporulation protein ah; <b>PDBTitle:</b> crystal structure of spoiiiah and spoiiq complex
84	<a href="#">c5un4C_</a>	Alignment	not modelled	6.4	11	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> 4-oxalocrotonate tautomerase; <b>PDBTitle:</b> crystal structure of native fused 4-ot
85	<a href="#">c2k1aA_</a>	Alignment	not modelled	6.3	17	<b>PDB header:</b> cell adhesion <b>Chain:</b> A: <b>PDB Molecule:</b> integrin alpha-iiB; <b>PDBTitle:</b> bicelle-embedded integrin alpha(iiB) transmembrane segment
86	<a href="#">c5u1dX_</a>	Alignment	not modelled	6.2	10	<b>PDB header:</b> transport protein <b>Chain:</b> X: <b>PDB Molecule:</b> tap transporter inhibitor icp47; <b>PDBTitle:</b> cryo-em structure of the human tap atp-binding cassette transporter
87	<a href="#">d1fnda2</a>	Alignment	not modelled	6.2	5	<b>Fold:</b> Ferredoxin reductase-like, C-terminal NADP-linked domain <b>Superfamily:</b> Ferredoxin reductase-like, C-terminal NADP-linked domain <b>Family:</b> Reductases
88	<a href="#">c5jrlC_</a>	Alignment	not modelled	6.2	21	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> dipeptidyl aminopeptidases/acylaminoacyl-peptidases-like <b>PDBTitle:</b> crystal structure of the sphingopyxin i lasso peptide isopeptidase2 spi-isop (native)
89	<a href="#">c2qycA_</a>	Alignment	not modelled	6.1	8	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> ferredoxin-like protein; <b>PDBTitle:</b> crystal structure of a dimeric ferredoxin-like protein (bb1511) from2 bordetella bronchiseptica rb50 at 1.90 a resolution
90	<a href="#">c3pg6D_</a>	Alignment	not modelled	6.1	25	<b>PDB header:</b> ligase <b>Chain:</b> D: <b>PDB Molecule:</b> e3 ubiquitin-protein ligase dtx3l; <b>PDBTitle:</b> the carboxyl terminal domain of human deltex 3-like
91	<a href="#">c4g6zA_</a>	Alignment	not modelled	6.1	63	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> glutamate-trna ligase; <b>PDBTitle:</b> crystal structure of a glutamyl-trna synthetase glurs from2 burkholderia thailandensis bound to l-glutamate
92	<a href="#">d1gawa2</a>	Alignment	not modelled	6.1	7	<b>Fold:</b> Ferredoxin reductase-like, C-terminal NADP-linked domain <b>Superfamily:</b> Ferredoxin reductase-like, C-terminal NADP-linked domain <b>Family:</b> Reductases
93	<a href="#">c2cfoA_</a>	Alignment	not modelled	6.1	75	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> glutamyl-trna synthetase; <b>PDBTitle:</b> non-discriminating glutamyl-trna synthetase from2 thermosynechococcus elongatus in complex with glu
94	<a href="#">c4ovqA_</a>	Alignment	not modelled	6.0	11	<b>PDB header:</b> solute-binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> trap dicarboxylate abc transporter, substrate-binding <b>PDBTitle:</b> crystal structure of a trap periplasmic solute binding protein from2 roseobacter denitrificans, target efi-510230, with bound beta-d-3 glucuronate
95	<a href="#">d1iwga1</a>	Alignment	not modelled	6.0	5	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Multidrug efflux transporter AcrB pore domain; PN1, PN2, PC1 and PC2 subdomains <b>Family:</b> Multidrug efflux transporter AcrB pore domain; PN1, PN2, PC1 and PC2 subdomains
96	<a href="#">c1g59A_</a>	Alignment	not modelled	6.0	63	<b>PDB header:</b> ligase/rna <b>Chain:</b> A: <b>PDB Molecule:</b> glutamyl-trna synthetase; <b>PDBTitle:</b> glutamyl-trna synthetase complexed with trna(glu).
97	<a href="#">c5tcxA_</a>	Alignment	not modelled	6.0	8	<b>PDB header:</b> cell invasion <b>Chain:</b> A: <b>PDB Molecule:</b> cd81 antigen; <b>PDBTitle:</b> crystal structure of human tetraspanin cd81
98	<a href="#">c6ithA_</a>	Alignment	not modelled	5.9	20	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> syndecan-2; <b>PDBTitle:</b> structure of the transmembrane domain of syndecan 2 in micelles
99	<a href="#">c2qfiB_</a>	Alignment	not modelled	5.9	12	<b>PDB header:</b> transport protein <b>Chain:</b> B: <b>PDB Molecule:</b> ferrous-iron efflux pump fief; <b>PDBTitle:</b> structure of the zinc transporter yiiP