

# Phyre<sup>2</sup>

Email	mdejesus@rockefeller.edu
Description	RVBD2064_(cobG)_2321459_2322550
Date	Mon Aug 5 13:25:17 BST 2019
Unique Job ID	28c13beb9b2a3d7c

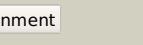
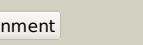
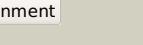
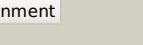
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c1zj8B</a>			100.0	24	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B; <b>PDB Molecule:</b> probable ferredoxin-dependent nitrite reductase nira; <b>PDBTitle:</b> structure of mycobacterium tuberculosis nira protein
2	<a href="#">c3b0nA</a>			100.0	22	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A; <b>PDB Molecule:</b> nitrite reductase; <b>PDBTitle:</b> q448k mutant of assimilatory nitrite reductase (nii3) from tobacco2 leaf
3	<a href="#">c2akjA</a>			100.0	24	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A; <b>PDB Molecule:</b> ferredoxin--nitrite reductase, chloroplast; <b>PDBTitle:</b> structure of spinach nitrite reductase
4	<a href="#">c5h92A</a>			100.0	23	<b>PDB header:</b> oxidoreductase/electron transport <b>Chain:</b> A; <b>PDB Molecule:</b> sulfite reductase [ferredoxin], chloroplastic; <b>PDBTitle:</b> crystal structure of the complex between maize sulfite reductase and2 ferredoxin in the form-3 crystal
5	<a href="#">c5aopA</a>			100.0	21	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A; <b>PDB Molecule:</b> sulfite reductase hemoprotein; <b>PDBTitle:</b> sulfite reductase structure reduced with crii edta, 5-coordinate2 siroheme, siroheme feii, [4fe-4s] +1
6	<a href="#">c2v4jE</a>			100.0	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> E; <b>PDB Molecule:</b> sulfite reductase, dissimilatory-type subunit <b>PDBTitle:</b> the crystal structure of desulfovibrio vulgaris2 dissimilatory sulfite reductase bound to dsrc provides3 novel insights into the mechanism of sulfate respiration
7	<a href="#">c3c7bE</a>			100.0	17	<b>PDB header:</b> oxidoreductase <b>Chain:</b> E; <b>PDB Molecule:</b> sulfite reductase, dissimilatory-type subunit beta; <b>PDBTitle:</b> structure of the dissimilatory sulfite reductase from archaeoglobus2 fulgidus
8	<a href="#">c2v4jA</a>			100.0	17	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A; <b>PDB Molecule:</b> sulfite reductase, dissimilatory-type subunit <b>PDBTitle:</b> the crystal structure of desulfovibrio vulgaris2 dissimilatory sulfite reductase bound to dsrc provides3 novel insights into the mechanism of sulfate respiration
9	<a href="#">c3c7bA</a>			100.0	17	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A; <b>PDB Molecule:</b> sulfite reductase, dissimilatory-type subunit alpha; <b>PDBTitle:</b> structure of the dissimilatory sulfite reductase from archaeoglobus2 fulgidus
10	<a href="#">d1zj8a4</a>			99.9	17	<b>Fold:</b> Nitrite and sulphite reductase 4Fe-4S domain-like <b>Superfamily:</b> Nitrite and sulphite reductase 4Fe-4S domain-like <b>Family:</b> Nitrite and sulphite reductase 4Fe-4S domain-like
11	<a href="#">d2akja4</a>			99.9	17	<b>Fold:</b> Nitrite and sulphite reductase 4Fe-4S domain-like <b>Superfamily:</b> Nitrite and sulphite reductase 4Fe-4S domain-like <b>Family:</b> Nitrite and sulphite reductase 4Fe-4S domain-like

12	<a href="#">d1aopa3</a>			99.9	13	<b>Fold:</b> Nitrite and sulphite reductase 4Fe-4S domain-like <b>Superfamily:</b> Nitrite and sulphite reductase 4Fe-4S domain-like <b>Family:</b> Nitrite and sulphite reductase 4Fe-4S domain-like
13	<a href="#">d3c7ba3</a>			99.9	13	<b>Fold:</b> Nitrite and sulphite reductase 4Fe-4S domain-like <b>Superfamily:</b> Nitrite and sulphite reductase 4Fe-4S domain-like <b>Family:</b> Nitrite and sulphite reductase 4Fe-4S domain-like
14	<a href="#">d2v4ja3</a>			99.9	14	<b>Fold:</b> Nitrite and sulphite reductase 4Fe-4S domain-like <b>Superfamily:</b> Nitrite and sulphite reductase 4Fe-4S domain-like <b>Family:</b> Nitrite and sulphite reductase 4Fe-4S domain-like
15	<a href="#">d2akja2</a>			99.9	30	<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
16	<a href="#">d1zj8a2</a>			99.9	30	<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
17	<a href="#">d2v4jb3</a>			99.8	17	<b>Fold:</b> Nitrite and sulphite reductase 4Fe-4S domain-like <b>Superfamily:</b> Nitrite and sulphite reductase 4Fe-4S domain-like <b>Family:</b> Nitrite and sulphite reductase 4Fe-4S domain-like
18	<a href="#">d3c7bb2</a>			99.8	22	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Nitrite/Sulfite reductase N-terminal domain-like <b>Family:</b> DsrA/DsrB N-terminal-domain-like
19	<a href="#">d3c7bb3</a>			99.8	13	<b>Fold:</b> Nitrite and sulphite reductase 4Fe-4S domain-like <b>Superfamily:</b> Nitrite and sulphite reductase 4Fe-4S domain-like <b>Family:</b> Nitrite and sulphite reductase 4Fe-4S domain-like
20	<a href="#">d2v4jb2</a>			99.8	15	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Nitrite/Sulfite reductase N-terminal domain-like <b>Family:</b> DsrA/DsrB N-terminal-domain-like
21	<a href="#">d1zj8a1</a>		not modelled	99.8	14	<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
22	<a href="#">d1aopa1</a>		not modelled	99.8	34	<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
23	<a href="#">d1zj8a3</a>		not modelled	99.7	20	<b>Fold:</b> Nitrite and sulphite reductase 4Fe-4S domain-like <b>Superfamily:</b> Nitrite and sulphite reductase 4Fe-4S domain-like <b>Family:</b> Nitrite and sulphite reductase 4Fe-4S domain-like
24	<a href="#">d2akja3</a>		not modelled	99.7	16	<b>Fold:</b> Nitrite and sulphite reductase 4Fe-4S domain-like <b>Superfamily:</b> Nitrite and sulphite reductase 4Fe-4S domain-like <b>Family:</b> Nitrite and sulphite reductase 4Fe-4S domain-like
25	<a href="#">d2akja1</a>		not modelled	99.6	25	<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
26	<a href="#">d1aopa2</a>		not modelled	99.6	19	<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
27	<a href="#">d1aopa4</a>		not modelled	99.5	15	<b>Fold:</b> Nitrite and sulphite reductase 4Fe-4S domain-like <b>Superfamily:</b> Nitrite and sulphite reductase 4Fe-4S domain-like <b>Family:</b> Nitrite and sulphite reductase 4Fe-4S domain-like
28	<a href="#">c3noyA</a>		not modelled	99.1	22	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> 4-hydroxy-3-methylbut-2-en-1-yl diphosphate synthase; <b>PDB Title:</b> crystal structure of ispg (gcpe)
29	<a href="#">d3c7ba2</a>		not modelled	98.1	17	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Nitrite/Sulfite reductase N-terminal domain-like

						<b>Family:</b> DsrA/DsrB N-terminal-domain-like
30	<a href="#">c2y0fD_</a>	Alignment	not modelled	96.1	15	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D: <b>PDB Molecule:</b> 4-hydroxy-3-methylbut-2-en-1-yl diphosphate synthase; <b>PDBTitle:</b> structure of gcpe (ispg) from thermus thermophilus hb27
31	<a href="#">d2v4ja2</a>	Alignment	not modelled	95.9	17	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Nitrite/Sulfite reductase N-terminal domain-like <b>Family:</b> DsrA/DsrB N-terminal-domain-like
32	<a href="#">c3w9zA_</a>	Alignment	not modelled	49.1	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> tRNA-dihydrouridine synthase c; <b>PDBTitle:</b> crystal structure of dusc
33	<a href="#">c4qboA_</a>	Alignment	not modelled	46.2	14	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> nuclease; <b>PDBTitle:</b> vrr_nuc domain
34	<a href="#">c5hcdD_</a>	Alignment	not modelled	43.5	44	<b>PDB header:</b> immune system <b>Chain:</b> D: <b>PDB Molecule:</b> rhipicephalus microplus raci2; <b>PDBTitle:</b> ternary complex of human complement c5 with ornithodoros moubata omci2 and rhipicephalus microplus raci2
35	<a href="#">d1n7ka_</a>	Alignment	not modelled	38.1	15	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class I aldolase
36	<a href="#">c1b8hA_</a>	Alignment	not modelled	32.8	25	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> dNA polymerase processivity component; <b>PDBTitle:</b> sliding clamp, dna polymerase
37	<a href="#">c1rlgA_</a>	Alignment	not modelled	31.9	43	<b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> neurotoxin bmk37; <b>PDBTitle:</b> crystal structure of the scorpion toxin bmbktx1
38	<a href="#">d1rlga_</a>	Alignment	not modelled	31.9	43	<b>Fold:</b> Knottins (small inhibitors, toxins, lectins) <b>Superfamily:</b> Scorpion toxin-like <b>Family:</b> Short-chain scorpion toxins
39	<a href="#">c1rlgB_</a>	Alignment	not modelled	31.9	43	<b>PDB header:</b> toxin <b>Chain:</b> B: <b>PDB Molecule:</b> neurotoxin bmk37; <b>PDBTitle:</b> crystal structure of the scorpion toxin bmbktx1
40	<a href="#">c6gcsH_</a>	Alignment	not modelled	29.6	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> H: <b>PDB Molecule:</b> 24-kDa subunit (nuhm); <b>PDBTitle:</b> cryo-em structure of respiratory complex i from yarrowia lipolytica
41	<a href="#">d1tx2a_</a>	Alignment	not modelled	29.4	22	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Dihydropteroate synthetase-like <b>Family:</b> Dihydropteroate synthetase
42	<a href="#">c1tx2A_</a>	Alignment	not modelled	29.4	22	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> dhps, dihydropteroate synthase; <b>PDBTitle:</b> dihydropteroate synthetase, with bound inhibitor manic, from bacillus2 anthracis
43	<a href="#">c5lnk2_</a>	Alignment	not modelled	28.7	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> 2: <b>PDB Molecule:</b> mitochondrial complex i, 24 kDa subunit; <b>PDBTitle:</b> entire ovine respiratory complex i
44	<a href="#">c5hccD_</a>	Alignment	not modelled	26.6	43	<b>PDB header:</b> immune system <b>Chain:</b> D: <b>PDB Molecule:</b> dermacentor andersoni raci3; <b>PDBTitle:</b> ternary complex of human complement c5 with ornithodoros moubata omci2 and dermacentor andersoni raci3.
45	<a href="#">c4qbnA_</a>	Alignment	not modelled	25.5	11	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> nuclease; <b>PDBTitle:</b> vrr_nuc domain
46	<a href="#">c5iecA_</a>	Alignment	not modelled	23.6	44	<b>PDB header:</b> blood clotting <b>Chain:</b> A: <b>PDB Molecule:</b> raci2; <b>PDBTitle:</b> structural basis for therapeutic inhibition of complement c5
47	<a href="#">d1olta_</a>	Alignment	not modelled	20.3	19	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Radical SAM enzymes <b>Family:</b> Oxygen-independent coproporphyrinogen III oxidase HemN
48	<a href="#">d1czda2</a>	Alignment	not modelled	18.7	27	<b>Fold:</b> DNA clamp <b>Superfamily:</b> DNA clamp <b>Family:</b> DNA polymerase processivity factor
49	<a href="#">c4xbxA_</a>	Alignment	not modelled	18.0	11	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> deoxyribose-phosphate aldolase; <b>PDBTitle:</b> 2-deoxyribose-5-phosphate aldolase mutant - e78k
50	<a href="#">d1pvza_</a>	Alignment	not modelled	17.2	36	<b>Fold:</b> Knottins (small inhibitors, toxins, lectins) <b>Superfamily:</b> Scorpion toxin-like <b>Family:</b> Short-chain scorpion toxins
51	<a href="#">c1pvzA_</a>	Alignment	not modelled	17.2	36	<b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> K+ toxin-like peptide; <b>PDBTitle:</b> solution structure of bmp07, a novel potassium channel blocker from2 scorpion buthus martensi karsch, 15 structures
52	<a href="#">d1ad1a_</a>	Alignment	not modelled	17.2	15	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Dihydropteroate synthetase-like <b>Family:</b> Dihydropteroate synthetase
53	<a href="#">c2h9aB_</a>	Alignment	not modelled	16.2	12	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> co dehydrogenase/acetyl-coa synthase, iron-sulfur protein; <b>PDBTitle:</b> corrinoid iron-sulfur protein
54	<a href="#">d1qnta2</a>	Alignment	not modelled	15.4	30	<b>Fold:</b> Methylated DNA-protein cysteine methyltransferase domain <b>Superfamily:</b> Methylated DNA-protein cysteine methyltransferase domain <b>Family:</b> Methylated DNA-protein cysteine methyltransferase domain
55	<a href="#">d1r8na_</a>	Alignment	not modelled	15.4	9	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> STI-like <b>Family:</b> Kunitz (STI) inhibitors
56	<a href="#">c5lc5E_</a>	Alignment	not modelled	14.7	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> E: <b>PDB Molecule:</b> nadh dehydrogenase [ubiquinone] flavoprotein 2,

					<b>PDBTitle:</b> structure of mammalian respiratory complex i, class2
57	<a href="#">d1b77a2</a>	Alignment	not modelled	14.3	<b>Fold:</b> DNA clamp <b>Superfamily:</b> DNA clamp <b>Family:</b> DNA polymerase processivity factor
58	<a href="#">d1xwva</a>	Alignment	not modelled	14.0	<b>Fold:</b> immunoglobulin-like beta-sandwich <b>Superfamily:</b> E set domains <b>Family:</b> ML domain
59	<a href="#">c5abrb</a>	Alignment	not modelled	13.9	<b>PDB header:</b> electron transport <b>Chain:</b> B: <b>PDB Molecule:</b> ferredoxin, 2fe-2s; <b>PDBTitle:</b> structure of fesi protein from azotobacter vinelandii
60	<a href="#">d1tg7a5</a>	Alignment	not modelled	13.2	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> Glycosyl hydrolases family 35 catalytic domain
61	<a href="#">d2fug21</a>	Alignment	not modelled	13.1	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> NQO2-like
62	<a href="#">c3nqoB</a>	Alignment	not modelled	12.9	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> marr-family transcriptional regulator; <b>PDBTitle:</b> crystal structure of a marr family transcriptional regulator (cd1569)2 from clostridium difficile 630 at 2.20 a resolution
63	<a href="#">c4e8cA</a>	Alignment	not modelled	12.8	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> glycosyl hydrolase, family 35; <b>PDBTitle:</b> crystal structure of streptococcal beta-galactosidase in complex with 2 galactose
64	<a href="#">d1ffgb</a>	Alignment	not modelled	12.6	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> CheY-binding domain of CheA <b>Family:</b> CheY-binding domain of CheA
65	<a href="#">c6cluC</a>	Alignment	not modelled	12.2	<b>PDB header:</b> antimicrobial protein <b>Chain:</b> C: <b>PDB Molecule:</b> dihydropteroate synthase; <b>PDBTitle:</b> staphylococcus aureus dihydropteroate synthase (sadhps) f17l e208k2 double mutant structure
66	<a href="#">d1p4xa2</a>	Alignment	not modelled	12.1	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
67	<a href="#">d2j5pa1</a>	Alignment	not modelled	11.7	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> FtsK C-terminal domain-like
68	<a href="#">c2h90A</a>	Alignment	not modelled	11.6	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> xenobiotic reductase a; <b>PDBTitle:</b> xenobiotic reductase a in complex with coumarin
69	<a href="#">d1ktja</a>	Alignment	not modelled	11.4	<b>Fold:</b> immunoglobulin-like beta-sandwich <b>Superfamily:</b> E set domains <b>Family:</b> ML domain
70	<a href="#">c4z9rA</a>	Alignment	not modelled	11.3	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> omega-3 polyunsaturated fatty acid synthase subunit pfad; <b>PDBTitle:</b> crystal structure of pfad from shewanella oneidensis in complex with 2 nad+ determined by in-situ diffraction.
71	<a href="#">c4qb1F</a>	Alignment	not modelled	11.2	<b>PDB header:</b> hydrolase <b>Chain:</b> F: <b>PDB Molecule:</b> vrr-nuc; <b>PDBTitle:</b> vrr_nuc domain protein
72	<a href="#">d1mzha</a>	Alignment	not modelled	11.2	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class I aldolase
73	<a href="#">d1hpca</a>	Alignment	not modelled	10.7	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Single hybrid motif <b>Family:</b> Biotinyl/lipoyl-carrier proteins and domains
74	<a href="#">c3k13A</a>	Alignment	not modelled	10.4	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> 5-methyltetrahydrofolate-homocysteine methyltransferase; <b>PDBTitle:</b> structure of the pterin-binding domain metr of 5-2 methyltetrahydrofolate-homocysteine methyltransferase from3 bacteroides thetaiotaomicron
75	<a href="#">d1ub3a</a>	Alignment	not modelled	10.4	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class I aldolase
76	<a href="#">c5dbul</a>	Alignment	not modelled	10.2	<b>PDB header:</b> lyase <b>Chain:</b> I: <b>PDB Molecule:</b> deoxyribose-phosphate aldolase; <b>PDBTitle:</b> crystal structure of 2-deoxyribose-5-phosphate aldolase (1-220) from2 streptococcus suis
77	<a href="#">c3lf4A</a>	Alignment	not modelled	10.0	<b>PDB header:</b> fluorescent protein <b>Chain:</b> A: <b>PDB Molecule:</b> fluorescent timer precursor blue102; <b>PDBTitle:</b> crystal structure of fluorescent timer precursor blue102
78	<a href="#">c2a56A</a>	Alignment	not modelled	9.8	<b>PDB header:</b> luminescent protein <b>Chain:</b> A: <b>PDB Molecule:</b> gfp-like non-fluorescent chromoprotein fp595 chain 1; <b>PDBTitle:</b> fluorescent protein asfp595, a143s, on-state, 5min irradiation
79	<a href="#">c4yn3B</a>	Alignment	not modelled	9.7	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> cucumisin; <b>PDBTitle:</b> crystal structure of cucumisin complex with pro-peptide
80	<a href="#">d1yaaa</a>	Alignment	not modelled	9.4	<b>Fold:</b> PLP-dependent transferase-like <b>Superfamily:</b> PLP-dependent transferases <b>Family:</b> AAT-like
81	<a href="#">d1udka</a>	Alignment	not modelled	9.4	<b>Fold:</b> Knottins (small inhibitors, toxins, lectins) <b>Superfamily:</b> Elafin-like <b>Family:</b> Elafin-like
82	<a href="#">d2gcxal</a>	Alignment	not modelled	9.3	<b>Fold:</b> SH3-like barrel <b>Superfamily:</b> C-terminal domain of transcriptional repressors <b>Family:</b> FeoA-like

83	<a href="#">c4nm6A_</a>		Alignment	not modelled	9.3	31	<b>PDB header:</b> oxidoreductase/dna <b>Chain:</b> A; <b>PDB Molecule:</b> methylcytosine dioxygenase tet2; <b>PDBTitle:</b> crystal structure of tet2-dna complex
84	<a href="#">d3broa1</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> MarR-like transcriptional regulators
85	<a href="#">d1u5ka1</a>		Alignment	not modelled	9.2	26	<b>Fold:</b> OB-fold <b>Superfamily:</b> Nucleic acid-binding proteins <b>Family:</b> RecO N-terminal domain-like
86	<a href="#">d3c8ya1</a>		Alignment	not modelled	9.1	24	<b>Fold:</b> Fe-only hydrogenase <b>Superfamily:</b> Fe-only hydrogenase <b>Family:</b> Fe-only hydrogenase
87	<a href="#">c6feyK_</a>		Alignment	not modelled	9.0	25	<b>PDB header:</b> peptide binding protein <b>Chain:</b> K; <b>PDB Molecule:</b> probable insulin-like peptide 5; <b>PDBTitle:</b> crystal structure of drosophila neural ectodermal development factor2 imp-l2 with drosophila dilp5 insulin
88	<a href="#">d2okqa1</a>		Alignment	not modelled	8.9	20	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Dimeric alpha+beta barrel <b>Family:</b> YbaA-like
89	<a href="#">c2k9oA_</a>		Alignment	not modelled	8.9	50	<b>PDB header:</b> toxin <b>Chain:</b> A; <b>PDB Molecule:</b> vm24 scorpion toxin; <b>PDBTitle:</b> solution structure of vm24 synthetic scorpion toxin
90	<a href="#">c3d3jA_</a>		Alignment	not modelled	8.9	35	<b>PDB header:</b> protein binding <b>Chain:</b> A; <b>PDB Molecule:</b> enhancer of mrna-decapping protein 3; <b>PDBTitle:</b> crystal structure of human edc3p
91	<a href="#">c3d3kD_</a>		Alignment	not modelled	8.9	35	<b>PDB header:</b> protein binding <b>Chain:</b> D; <b>PDB Molecule:</b> enhancer of mrna-decapping protein 3; <b>PDBTitle:</b> crystal structure of human edc3p
92	<a href="#">c3ngjC_</a>		Alignment	not modelled	8.8	9	<b>PDB header:</b> lyase <b>Chain:</b> C; <b>PDB Molecule:</b> deoxyribose-phosphate aldolase; <b>PDBTitle:</b> crystal structure of a putative deoxyribose-phosphate aldolase from2 entamoeba histolytica
93	<a href="#">c3t18D_</a>		Alignment	not modelled	8.7	5	<b>PDB header:</b> transferase <b>Chain:</b> D; <b>PDB Molecule:</b> aminotransferase class i and ii; <b>PDBTitle:</b> crystal structure of aminotransferase from anaerococcus prevotii dsm2 20548.
94	<a href="#">c5dleD_</a>		Alignment	not modelled	8.7	6	<b>PDB header:</b> transferase <b>Chain:</b> D; <b>PDB Molecule:</b> pts system, fructose-specific iiabc component; <b>PDBTitle:</b> crystal structure from a domain (thr161-f265) from fructose-specific2 iiabc component (pts system) from borrelia burgdorferi
95	<a href="#">c6hl2C_</a>		Alignment	not modelled	8.7	15	<b>PDB header:</b> electron transport <b>Chain:</b> C; <b>PDB Molecule:</b> nadh-quinone oxidoreductase subunit e; <b>PDBTitle:</b> wild-type nuoef from aquifex aeolicus - oxidized form
96	<a href="#">d2ve8a1</a>		Alignment	not modelled	8.5	21	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Ftsk C-terminal domain-like
97	<a href="#">c1a0oH_</a>		Alignment	not modelled	8.5	21	<b>PDB header:</b> chemotaxis <b>Chain:</b> H; <b>PDB Molecule:</b> chea; <b>PDBTitle:</b> chey-binding domain of chea in complex with chey
98	<a href="#">d1fxda_</a>		Alignment	not modelled	8.5	25	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Single 4Fe-4S cluster ferredoxin
99	<a href="#">d1vmfa_</a>		Alignment	not modelled	8.5	39	<b>Fold:</b> YjbQ-like <b>Superfamily:</b> YjbQ-like <b>Family:</b> YjbQ-like