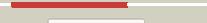
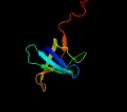
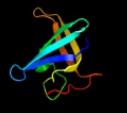
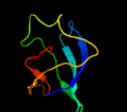
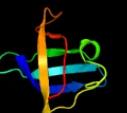


Phyre²

Email	mdejesus@rockefeller.edu
Description	RVBD0871_(cspB)_967901_968308
Date	Fri Jul 26 01:50:46 BST 2019
Unique Job ID	8022bbf22df1fd71

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3a0jB_			99.9	40	PDB header: transcription Chain: B; PDB Molecule: cold shock protein; PDBTitle: crystal structure of cold shock protein 1 from thermus2 thermophilus hb8
2	d2es2a1			99.9	45	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
3	c2k5nA_			99.9	21	PDB header: structural genomics, unknown function Chain: A; PDB Molecule: putative cold-shock protein; PDBTitle: solution nmr structure of the n-terminal domain of protein eca15802 from erwinia carotovora, northeast structural genomics consortium3 target ewr156a
4	d1c9oa_			99.9	45	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
5	c5o6fA_			99.9	34	PDB header: dna binding protein Chain: A; PDB Molecule: cold-shock protein; PDBTitle: nmr structure of cold shock protein a from corynebacterium2 pseudotuberculosis
6	c5xv9A_			99.9	40	PDB header: rna binding protein Chain: A; PDB Molecule: cold-shock dna-binding domain family protein; PDBTitle: solution structure of cold shock protein from colwellia psychrerythraea
7	c4a4iA_			99.9	34	PDB header: rna binding protein Chain: A; PDB Molecule: protein lin-28 homolog b; PDBTitle: crystal structure of the human lin28b cold shock domain
8	d1g6pa_			99.9	48	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
9	c2kcmA_			99.9	30	PDB header: nucleic acid binding protein Chain: A; PDB Molecule: cold shock domain family protein; PDBTitle: solution nmr structure of the n-terminal ob-domain of so_1732 from2 shewanella oneidensis. northeast structural genomics consortium3 target sor210a.
10	c3aqqD_			99.8	24	PDB header: dna binding protein Chain: D; PDB Molecule: calcium-regulated heat stable protein 1; PDBTitle: crystal structure of human crhsp-24
11	d1mjca_			99.8	45	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like

12	c3camB			99.8	44	PDB header: gene regulation Chain: B; PDB Molecule: cold-shock domain family protein; PDBTitle: crystal structure of the cold shock domain protein from neisseria2 meningitidis
13	d1h95a			99.8	31	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
14	c2lssA			99.8	44	PDB header: rna binding protein, dna binding protein Chain: A; PDB Molecule: cold shock-like protein; PDBTitle: solution structure of the r. rickettsii cold shock-like protein
15	c3trzE			99.8	32	PDB header: rna binding protein/rna Chain: E; PDB Molecule: protein lin-28 homolog a; PDBTitle: mouse lin28a in complex with let-7d microRNA pre-element
16	c2mghA			99.8	39	PDB header: dna binding protein Chain: A; PDB Molecule: nucleic acid binding protein; PDBTitle: solution structure of the chlamydomonas reinhardtii nab1 cold shock2 domain, csd1
17	d1wfqA			99.7	32	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
18	c2tytA			99.7	24	PDB header: rna binding protein Chain: A; PDB Molecule: cold shock domain-containing protein e1; PDBTitle: solution structure of the fourth cold-shock domain of the human2 kiaa0885 protein (unr protein)
19	c2ytxA			99.6	25	PDB header: rna binding protein Chain: A; PDB Molecule: cold shock domain-containing protein e1; PDBTitle: solution structure of the second cold-shock domain of the human2 kiaa0885 protein (unr protein)
20	c1x65A			99.5	17	PDB header: rna binding protein Chain: A; PDB Molecule: unr protein; PDBTitle: solution structure of the third cold-shock domain of the human2 kiaa0885 protein (unr protein)
21	c2ytvA		not modelled	99.5	25	PDB header: rna binding protein Chain: A; PDB Molecule: cold shock domain-containing protein e1; PDBTitle: solution structure of the fifth cold-shock domain of the human2 kiaa0885 protein (unr protein)
22	c2bh8B		not modelled	99.4	48	PDB header: transcription Chain: B; PDB Molecule: 1b11; PDBTitle: combinatorial protein 1b11
23	d2ix0a2		not modelled	97.2	29	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
24	c2ix1A		not modelled	96.7	27	PDB header: hydrolase Chain: A; PDB Molecule: exoribonuclease 2; PDBTitle: rnase ii d209n mutant
25	d1a62a2		not modelled	94.4	28	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
26	c2a8vA		not modelled	92.6	31	PDB header: protein/rna Chain: A; PDB Molecule: rna binding domain of rho transcription PDBTitle: rho transcription termination factor/rna complex
27	d1smxa		not modelled	91.9	23	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
28	d2ix0a1		not modelled	91.9	13	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
29	c3100A		not modelled	89.7	18	PDB header: hydrolase Chain: A; PDB Molecule: transcription termination factor rho;

29	c3100A_	Alignment	not modelled	89.7	10	PDBTitle: structure of rna-free rho transcription termination factor from <i>thermotoga maritima</i>
30	c1hh2P_	Alignment	not modelled	87.9	18	PDB header: transcription regulation Chain: P: PDB Molecule: n utilization substance protein a; PDBTitle: crystal structure of nusa from <i>thermotoga maritima</i>
31	c4aimA_	Alignment	not modelled	87.0	33	PDB header: transferase/peptide Chain: A: PDB Molecule: polyribonucleotide nucleotidyltransferase; PDBTitle: crystal structure of c. crescentus npnase bound to rnase e2 recognition peptide
32	d1y14b1	Alignment	not modelled	84.9	23	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
33	c1I2fA_	Alignment	not modelled	84.9	18	PDB header: transcription Chain: A: PDB Molecule: n utilization substance protein a; PDBTitle: crystal structure of nusa from <i>thermotoga maritima</i> : a2 structure-based role of the n-terminal domain
34	c4oxpA_	Alignment	not modelled	83.5	20	PDB header: hydrolase Chain: A: PDB Molecule: ribonuclease e; PDBTitle: x-ray crystal structure of the s1 and 5'-sensor domains of rnase e2 from <i>caulobacter crescentus</i>
35	c5xguB_	Alignment	not modelled	82.5	36	PDB header: hydrolase Chain: B: PDB Molecule: ribonuclease r; PDBTitle: escherichia coli. rnase r
36	d1kl9a2	Alignment	not modelled	81.8	20	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
37	c1zeqX_	Alignment	not modelled	81.0	18	PDB header: metal binding protein Chain: X: PDB Molecule: cation efflux system protein cufz; PDBTitle: 1.5 a structure of apo-cufz residues 6-88 from escherichia coli
38	c3go5A_	Alignment	not modelled	80.8	17	PDB header: gene regulation Chain: A: PDB Molecule: multidomain protein with s1 rna-binding domains; PDBTitle: crystal structure of a multidomain protein with nucleic acid binding2 domains (sp_0946) from <i>streptococcus pneumoniae</i> tigr4 at 1.40 a3 resolution
39	d1hh2p1	Alignment	not modelled	80.3	17	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
40	c2k52A_	Alignment	not modelled	79.6	16	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein mj1198; PDBTitle: structure of uncharacterized protein mj1198 from 2 methanocaldococcus jannaschii. northeast structural3 genomics target mj117b
41	c5lm7A_	Alignment	not modelled	77.3	20	PDB header: transcription Chain: A: PDB Molecule: transcription termination/antitermination protein nusa; PDBTitle: crystal structure of the lambda n-nus factor complex
42	d2c35b1	Alignment	not modelled	76.2	17	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
43	c1xpudB_	Alignment	not modelled	75.1	22	PDB header: transcription/rna Chain: B: PDB Molecule: rho transcription termination factor; PDBTitle: structural mechanism of inhibition of the rho transcription2 termination factor by the antibiotic 5a-(3-formylphenylsulfanyl)-3 dihydrobicyclomycin (fpdb)
44	c2l55A_	Alignment	not modelled	71.0	29	PDB header: metal binding protein Chain: A: PDB Molecule: silb,silver efflux protein, mfp component of the three PDBTitle: solution structure of the c-terminal domain of silb from cupriavidus2 metallidurans
45	c6qh2A_	Alignment	not modelled	69.6	29	PDB header: signaling protein Chain: A: PDB Molecule: polyribonucleotide nucleotidyltransferase; PDBTitle: solution nmr ensemble for a chimeric kh-s1 domain construct of2 exosomal polynucleotide phosphorylase at 298k compiled using the3 comand method
46	d2ba0a1	Alignment	not modelled	67.0	12	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
47	c2gu1A_	Alignment	not modelled	66.5	28	PDB header: hydrolase Chain: A: PDB Molecule: zinc peptidase; PDBTitle: crystal structure of a zinc containing peptidase from 2 vibrio cholerae
48	c5x50G_	Alignment	not modelled	65.8	24	PDB header: transferase Chain: G: PDB Molecule: rna polymerase ii subunit; PDBTitle: rna polymerase ii from <i>komagataella pastoris</i> (type-2 crystal)
49	c2c4rL_	Alignment	not modelled	65.7	19	PDB header: hydrolase Chain: L: PDB Molecule: ribonuclease e; PDBTitle: catalytic domain of e. coli rnase e
50	d1wi5a_	Alignment	not modelled	65.0	19	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
51	c6flqF_	Alignment	not modelled	62.4	20	PDB header: transcription Chain: F: PDB Molecule: transcription termination/antitermination protein nusa; PDBTitle: cryoem structure of e.coli rna polymerase paused elongation complex2 bound to nusa
52	c2b8kG_	Alignment	not modelled	61.6	23	PDB header: transferase Chain: G: PDB Molecule: dna-directed rna polymerase ii 19 kda polypeptide; PDBTitle: 12-subunit rna polymerase ii
53	c2vnuD_	Alignment	not modelled	61.5	16	PDB header: hydrolase/rna Chain: D: PDB Molecule: exosome complex exonuclease rrp44; PDBTitle: crystal structure of sc rrp44
						PDB header: hydrolase/rna

54	c4pmwB	Alignment	not modelled	60.4	12	Chain: B: PDB Molecule: dis3-like exonuclease 2; PDBTitle: structure of mouse dis3l2 in complex with oligo rna substrate
55	c5x8r8	Alignment	not modelled	59.2	31	PDB header: ribosome Chain: 8: PDB Molecule: 30s ribosomal protein s1, chloroplastic; PDBTitle: structure of the 30s small subunit of chloroplast ribosome from2 spinach
56	c2mflA	Alignment	not modelled	58.3	23	PDB header: ribosomal protein Chain: A: PDB Molecule: 30s ribosomal protein s1; PDBTitle: domain 2 of e. coli ribosomal protein s1
57	d1t9ha1	Alignment	not modelled	57.6	19	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
58	d2z0sa1	Alignment	not modelled	56.5	13	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
59	c2c35F	Alignment	not modelled	56.0	17	PDB header: transferase Chain: F: PDB Molecule: dna-directed rna polymerase ii 19 kda polypeptide; PDBTitle: subunits rpb4 and rpb7 of human rna polymerase ii
60	c3bpua	Alignment	not modelled	55.2	21	PDB header: transferase Chain: A: PDB Molecule: membrane-associated guanylate kinase, ww and pdz domain- PDBTitle: crystal structure of the 3rd pdz domain of human membrane associated2 guanylate kinase, c677s and c709s double mutant
61	c5n7gA	Alignment	not modelled	54.8	18	PDB header: signaling protein Chain: A: PDB Molecule: membrane-associated guanylate kinase, ww and pdz domain- PDBTitle: magi-1 complexed with a synthetic prsk1 peptide
62	c3tufB	Alignment	not modelled	51.0	18	PDB header: signaling protein Chain: B: PDB Molecule: stage ii sporulation protein q; PDBTitle: structure of the spoIIq-spoIiaB pore forming complex.
63	d1go3e1	Alignment	not modelled	50.6	26	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
64	c1ybyB	Alignment	not modelled	50.5	16	PDB header: translation Chain: B: PDB Molecule: translation elongation factor p; PDBTitle: conserved hypothetical protein cth-95 from clostridium thermocellum
65	c3h0gS	Alignment	not modelled	50.3	29	PDB header: transcription Chain: S: PDB Molecule: dna-directed rna polymerase ii subunit rpb7; PDBTitle: rna polymerase ii from schizosaccharomyces pombe
66	c2oceA	Alignment	not modelled	50.1	26	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical protein pa5201; PDBTitle: crystal structure of tex family protein pa5201 from2 pseudomonas aeruginosa
67	c2eqsA	Alignment	not modelled	49.3	26	PDB header: hydrolyase Chain: A: PDB Molecule: atp-dependent rna helicase dhx8; PDBTitle: solution structure of the s1 rna binding domain of human2 atp-dependent rna helicase dhx8
68	c3slub	Alignment	not modelled	47.3	17	PDB header: hydrolyase Chain: B: PDB Molecule: m23 peptidase domain protein; PDBTitle: crystal structure of nmb0315
69	c3nyyA	Alignment	not modelled	45.8	20	PDB header: hydrolyase Chain: A: PDB Molecule: putative glycyl-glycine endopeptidase lytm; PDBTitle: crystal structure of a putative glycyl-glycine endopeptidase lytm2 (rumgna_02482) from ruminococcus gnarus atcc 29149 at 1.60 a3 resolution
70	d1q46a2	Alignment	not modelled	44.5	10	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
71	d2asba1	Alignment	not modelled	44.5	19	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
72	d1gpra	Alignment	not modelled	41.4	29	Fold: Barrel-sandwich hybrid Superfamily: Duplicated hybrid motif Family: Glucose permease-like
73	d2gpra	Alignment	not modelled	39.0	22	Fold: Barrel-sandwich hybrid Superfamily: Duplicated hybrid motif Family: Glucose permease-like
74	c2xnqA	Alignment	not modelled	38.7	21	PDB header: rna binding protein Chain: A: PDB Molecule: nuclear polyadenylated rna-binding protein 3; PDBTitle: structural insights into cis element recognition of non-2 polyadenylated rnas by the nab3-rrm
75	d2f3ga	Alignment	not modelled	37.7	20	Fold: Barrel-sandwich hybrid Superfamily: Duplicated hybrid motif Family: Glucose permease-like
76	c2k4ka	Alignment	not modelled	37.1	23	PDB header: rna binding protein Chain: A: PDB Molecule: general stress protein 13; PDBTitle: solution structure of gsp13 from bacillus subtilis
77	d1glaf	Alignment	not modelled	36.7	20	Fold: Barrel-sandwich hybrid Superfamily: Duplicated hybrid motif Family: Glucose permease-like
78	d1u0la1	Alignment	not modelled	35.0	14	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
79	c2ahoB	Alignment	not modelled	34.9	18	PDB header: translation Chain: B: PDB Molecule: translation initiation factor 2 alpha subunit; PDBTitle: structure of the archaeal initiation factor eif2 alpha-

						gamma2 heterodimer from sulfolobus solfataricus complexed with gdppn
80	c2dhxA	Alignment	not modelled	34.1	21	PDB header: rna binding protein Chain: A: PDB Molecule: poly (adp-ribose) polymerase family, member 10 PDBTitle: solution structure of the rrm domain in the human poly (adp-2 ribose) polymerase family, member 10 variant
81	d1ueqa	Alignment	not modelled	34.0	17	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
82	d1sr3a	Alignment	not modelled	33.4	17	Fold: OB-fold Superfamily: Heme chaperone CcmE Family: Heme chaperone CcmE
83	c1nt9G	Alignment	not modelled	32.0	22	PDB header: transcription, transferase Chain: G: PDB Molecule: dna-directed rna polymerase ii 19 kd polypeptide; PDBTitle: complete 12-subunit rna polymerase ii
84	c4wija	Alignment	not modelled	32.0	38	PDB header: transcription Chain: A: PDB Molecule: splicing factor, proline- and glutamine-rich; PDBTitle: human splicing factor, construct 1
85	c4cn0A	Alignment	not modelled	30.1	14	PDB header: cell cycle Chain: A: PDB Molecule: protein ahnak2; PDBTitle: an intertwined homodimer of the pdz homology domain of ahnak2
86	d3bzka4	Alignment	not modelled	28.6	30	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
87	c2kjda	Alignment	not modelled	28.4	19	PDB header: signaling protein Chain: A: PDB Molecule: sodium/hydrogen exchange regulatory cofactor nhe- PDBTitle: solution structure of extended pdz2 domain from nherf1 (150-2 270)
88	d1j6qa	Alignment	not modelled	27.4	18	Fold: OB-fold Superfamily: Heme chaperone CcmE Family: Heme chaperone CcmE
89	c1j6qa	Alignment	not modelled	27.4	18	PDB header: chaperone Chain: A: PDB Molecule: cytochrome c maturation protein e; PDBTitle: solution structure and characterization of the heme2 chaperone ccme
90	d1uwva1	Alignment	not modelled	26.5	19	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: TRAM domain
91	c3mk4B	Alignment	not modelled	26.4	20	PDB header: protein transport Chain: B: PDB Molecule: peroxisomal biogenesis factor 19; PDBTitle: x-ray structure of human pex3 in complex with a pex19 derived peptide
92	d1m5za	Alignment	not modelled	26.3	19	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
93	c1go3E	Alignment	not modelled	26.1	26	PDB header: transferase Chain: E: PDB Molecule: dna-directed rna polymerase subunit e; PDBTitle: structure of an archeal homolog of the eukaryotic rna polymerase iiB rpb4/rpb7 complex
94	c4pqxC	Alignment	not modelled	26.0	15	PDB header: structural genomics, unknown function Chain: C: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of a nigr-like protein (baccac_02139) from2 bacteroides caccae atcc 43185 at 2.39 a resolution
95	d2nn6h1	Alignment	not modelled	25.9	15	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
96	c3ajbB	Alignment	not modelled	24.6	20	PDB header: protein transport Chain: B: PDB Molecule: peroxisomal biogenesis factor 19; PDBTitle: crystal structure of human pex3p in complex with n-terminal pex19p2 peptide
97	c4mtnA	Alignment	not modelled	24.6	12	PDB header: transcription regulator Chain: A: PDB Molecule: transcription termination factor nusa; PDBTitle: crystal structure of transcription termination factor nusa from2 planctomyces limnophilus dsm 3776
98	c2cqoA	Alignment	not modelled	23.2	14	PDB header: ribosome Chain: A: PDB Molecule: nucleolar protein of 40 kda; PDBTitle: solution structure of the s1 rna binding domain of human2 hypothetical protein flj11067
99	c3a5zD	Alignment	not modelled	22.8	16	PDB header: ligase Chain: D: PDB Molecule: elongation factor p; PDBTitle: crystal structure of escherichia coli genx in complex with elongation2 factor p
100	d1tp5a1	Alignment	not modelled	22.8	19	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
101	d1wf1a	Alignment	not modelled	21.7	20	Fold: Ferredoxin-like Superfamily: RNA-binding domain, RBD Family: Canonical RBD
102	c1t9hA	Alignment	not modelled	21.6	19	PDB header: hydrolase Chain: A: PDB Molecule: probable gtpase engc; PDBTitle: the crystal structure of yloq, a circularly permuted gtpase.
103	c3l0oB	Alignment	not modelled	21.2	29	PDB header: hydrolase Chain: B: PDB Molecule: transcription termination factor rho; PDBTitle: structure of rna-free rho transcription termination factor from2 thermotoga maritima
104	c3soeA	Alignment	not modelled	20.2	19	PDB header: signaling protein Chain: A: PDB Molecule: membrane-associated guanylate kinase, ww and pdz domain- PDBTitle: crystal structure of the 3rd pdz domain of the human membrane-2 associated guanylate kinase, ww and pdz domain-containing protein 33 (magi3)