












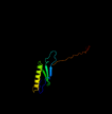









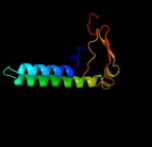


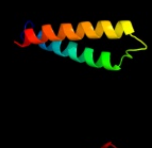



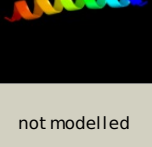


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3d5cX_	 Alignment		100.0	48	PDB header: ribosome Chain: X: PDB Molecule: peptide chain release factor 1; PDBTitle: structural basis for translation termination on the 70s ribosome. this2 file contains the 30s subunit, release factor 1 (rf1), two trna, and3 mrna molecules of the second 70s ribosome. the entire crystal4 structure contains two 70s ribosomes as described in remark 400.
2	dlgqea_	 Alignment		100.0	38	Fold: Release factor Superfamily: Release factor Family: Release factor
3	c2ihr1_	 Alignment		100.0	35	PDB header: translation Chain: 1: PDB Molecule: peptide chain release factor 2; PDBTitle: rf2 of thermus thermophilus
4	dlrq0a_	 Alignment		100.0	45	Fold: Release factor Superfamily: Release factor Family: Release factor
5	clzbtA_	 Alignment		100.0	44	PDB header: translation Chain: A: PDB Molecule: peptide chain release factor 1; PDBTitle: crystal structure of peptide chain release factor 1 (rf-1) (smu.1085)2 from streptococcus mutans at 2.34 a resolution
6	d2b3tb1	 Alignment		100.0	99	Fold: Release factor Superfamily: Release factor Family: Release factor
7	c2jy9A_	 Alignment		99.8	27	PDB header: hydrolase Chain: A: PDB Molecule: putative trna hydrolase domain; PDBTitle: nmr structure of putative trna hydrolase domain from2 salmonella typhimurium. northeast structural genomics3 consortium target str220
8	c2jvaA_	 Alignment		99.8	32	PDB header: hydrolase Chain: A: PDB Molecule: peptidyl-trna hydrolase domain protein; PDBTitle: nmr solution structure of peptidyl-trna hydrolase domain protein from2 pseudomonas syringae pv. tomato. northeast structural genomics3 consortium target psr211
9	dlj26a_	 Alignment		99.8	30	Fold: dsRBD-like Superfamily: Peptidyl-tRNA hydrolase domain-like Family: Peptidyl-tRNA hydrolase domain
10	c3errB_	 Alignment		82.9	15	PDB header: ligase Chain: B: PDB Molecule: fusion protein of microtubule binding domain from PDBTitle: microtubule binding domain from mouse cytoplasmic dynein as2 a fusion with seryl-trna synthetase
11	c3cx3A_	 Alignment		56.1	22	PDB header: metal binding protein Chain: A: PDB Molecule: lipoprotein; PDBTitle: crystal structure analysis of the streptococcus pneumoniae2 adcai protein

12	dlxvla1	Alignment		49.9	15	Fold: Chelatase-like Superfamily: "Helical backbone" metal receptor Family: TroA-like
13	c3hjtB	Alignment		46.1	19	PDB header: cell adhesion, transport protein Chain: B: PDB Molecule: lmb; PDBTitle: structure of laminin binding protein (lmb) of streptococcus2 agalactiae a bifunctional protein with adhesin and metal3 transporting activity
14	d1pq4a	Alignment		45.4	22	Fold: Chelatase-like Superfamily: "Helical backbone" metal receptor Family: TroA-like
15	c1f8sA	Alignment		44.6	30	PDB header: oxidoreductase Chain: A: PDB Molecule: l-amino acid oxidase; PDBTitle: crystal structure of l-amino acid oxidase from calloselasma2 rhodostoma, complexed with three molecules of o-aminobenzoate.
16	c3sjaG	Alignment		44.3	13	PDB header: hydrolase/transport protein Chain: G: PDB Molecule: golgi to er traffic protein 1; PDBTitle: crystal structure of s. cerevisiae get3 in the open state in complex2 with get1 cytosolic domain
17	c2ps3A	Alignment		44.2	17	PDB header: metal transport Chain: A: PDB Molecule: high-affinity zinc uptake system protein znua; PDBTitle: structure and metal binding properties of znua, a2 periplasmic zinc transporter from escherichia coli
18	c3mfqB	Alignment		42.4	17	PDB header: metal binding protein Chain: B: PDB Molecule: high-affinity zinc uptake system protein znua; PDBTitle: a glance into the metal binding specificity of troa: where elaborate2 behaviors occur in the active center
19	c3layF	Alignment		41.6	20	PDB header: metal binding protein Chain: F: PDB Molecule: zinc resistance-associated protein; PDBTitle: alpha-helical barrel formed by the decamer of the zinc resistance-2 associated protein (stm4172) from salmonella enterica subsp. enterica3 serovar typhimurium str. lt2
20	c3ci9B	Alignment		41.6	8	PDB header: transcription Chain: B: PDB Molecule: heat shock factor-binding protein 1; PDBTitle: crystal structure of the human hsbp1
21	c1wpaA	Alignment	not modelled	40.1	8	PDB header: cell adhesion Chain: A: PDB Molecule: occludin; PDBTitle: 1.5 angstrom crystal structure of human occludin fragment2 413-522
22	c2ogwB	Alignment	not modelled	38.0	17	PDB header: transport protein Chain: B: PDB Molecule: high-affinity zinc uptake system protein znua PDBTitle: structure of abc type zinc transporter from e. coli
23	c1wleB	Alignment	not modelled	37.6	16	PDB header: ligase Chain: B: PDB Molecule: seryl-trna synthetase; PDBTitle: crystal structure of mammalian mitochondrial seryl-trna2 synthetase complexed with seryl-adenylate
24	c1toaA	Alignment	not modelled	37.1	14	PDB header: binding protein Chain: A: PDB Molecule: protein (periplasmic binding protein troa); PDBTitle: periplasmic zinc binding protein troa from treponema pallidum
25	d1toaa	Alignment	not modelled	37.1	14	Fold: Chelatase-like Superfamily: "Helical backbone" metal receptor Family: TroA-like
26	c2ov3A	Alignment	not modelled	36.6	24	PDB header: transport protein Chain: A: PDB Molecule: periplasmic binding protein component of an abc PDBTitle: crystal structure of 138-173 znua deletion mutant plus zinc2 bound
27	c2elmA	Alignment	not modelled	36.5	25	PDB header: oxidoreductase Chain: A: PDB Molecule: l- glutamate oxidase; PDBTitle: crystal structure of l-glutamate oxidase from streptomyces sp. x-119-6
						PDB header: ribosome Chain: I: PDB Molecule: 40s ribosomal protein s16; PDBTitle: structure of the bacterial 60s and 40s subunits

28	c1s1hl_	Alignment	not modelled	35.5	16	PDB title: structure of the ribosomal 80S-eef2-sordarin complex from 2 yeast obtained by docking atomic models for rna and protein3 components into a 11.7 a cryo-em map. this file, 1s1h,4 contains 40s subunit. the 60s ribosomal subunit is in file5 1s1i.
29	c1xawA_	Alignment	not modelled	35.1	8	PDB header: cell adhesion Chain: A: PDB Molecule: occludin; PDBTitle: crystal structure of the cytoplasmic distal c-terminal2 domain of occludin
30	c2jyaA_	Alignment	not modelled	34.4	16	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein atu1810; PDBTitle: nmr solution structure of protein atu1810 from agrobacterium2 tumefaciens. northeast structural genomics consortium target atr23,3 ontario centre for structural proteomics target atc1776
31	c3qo8A_	Alignment	not modelled	34.2	7	PDB header: ligase Chain: A: PDB Molecule: seryl-trna synthetase, cytoplasmic; PDBTitle: crystal structure of seryl-trna synthetase from candida albicans
32	d2ctka1	Alignment	not modelled	33.9	14	Fold: Eukaryotic type KH-domain (KH-domain type I) Superfamily: Eukaryotic type KH-domain (KH-domain type I) Family: Eukaryotic type KH-domain (KH-domain type I)
33	c2zkrv_	Alignment	not modelled	31.6	12	PDB header: ribosomal protein/rna Chain: V: PDB Molecule: rna expansion segment es9 part2; PDBTitle: structure of a mammalian ribosomal 60s subunit within an2 80s complex obtained by docking homology models of the rna3 and proteins into an 8.7 a cryo-em map
34	c3pdgA_	Alignment	not modelled	30.5	20	PDB header: unknown function Chain: A: PDB Molecule: fibronectin(iii)-like module; PDBTitle: structures of clostridium thermocellum cbha fibronectin(iii)-like2 modules
35	d1ivsA1	Alignment	not modelled	30.3	16	Fold: Long alpha-hairpin Superfamily: tRNA-binding arm Family: Valyl-tRNA synthetase (ValRS) C-terminal domain
36	d2vqe11	Alignment	not modelled	30.0	21	Fold: Ribosomal protein S5 domain 2-like Superfamily: Ribosomal protein S5 domain 2-like Family: Translational machinery components
37	d2gy9i1	Alignment	not modelled	28.8	32	Fold: Ribosomal protein S5 domain 2-like Superfamily: Ribosomal protein S5 domain 2-like Family: Translational machinery components
38	c3bbn1_	Alignment	not modelled	27.8	21	PDB header: ribosome Chain: I: PDB Molecule: ribosomal protein s9; PDBTitle: homology model for the spinach chloroplast 30s subunit2 fitted to 9.4a cryo-em map of the 70s chlororibosome.
39	c2o1eB_	Alignment	not modelled	27.3	13	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: ycdh; PDBTitle: crystal structure of the metal-dependent lipoprotein ycdh2 from bacillus subtilis, northeast structural genomics3 target sr583
40	c2fsgA_	Alignment	not modelled	27.0	14	PDB header: protein transport Chain: A: PDB Molecule: preprotein translocase seca subunit; PDBTitle: complex seca:atp from escherichia coli
41	c1i4wA_	Alignment	not modelled	25.3	20	PDB header: transcription Chain: A: PDB Molecule: mitochondrial replication protein mtf1; PDBTitle: the crystal structure of the transcription factor sc-mtbf2 offers intriguing insights into mitochondrial transcription
42	d1i4wa_	Alignment	not modelled	25.3	20	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: rRNA adenine dimethylase-like
43	c2r60A_	Alignment	not modelled	24.4	15	PDB header: transferase Chain: A: PDB Molecule: glycosyl transferase, group 1; PDBTitle: structure of apo sucrose phosphate synthase (sps) of2 halothermothrix oronii
44	d1sd4a_	Alignment	not modelled	24.4	12	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Penicillinase repressor
45	c2zkgi_	Alignment	not modelled	22.4	23	PDB header: ribosomal protein/rna Chain: I: PDB Molecule: PDBTitle: structure of a mammalian ribosomal 40s subunit within an2 80s complex obtained by docking homology models of the rna3 and proteins into an 8.7 a cryo-em map
46	c2lf0A_	Alignment	not modelled	21.7	16	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein yib1; PDBTitle: solution structure of sf3636, a two-domain unknown function protein2 from shigella flexneri 2a, determined by joint refinement of nmr,3 residual dipolar couplings and small-angle x-ray scattering, nesg4 target sfr339/ocsp target sf3636
47	c2vvlD_	Alignment	not modelled	21.6	20	PDB header: oxidoreductase Chain: D: PDB Molecule: monoamine oxidase n; PDBTitle: the structure of mao-n-d3, a variant of monoamine oxidase2 from aspergillus niger.
48	d1nj1a3	Alignment	not modelled	21.5	10	Fold: Class II aaRS and biotin synthetases Superfamily: Class II aaRS and biotin synthetases Family: Class II aminoacyl-tRNA synthetase (aaRS)-like, catalytic domain
49	d1psza_	Alignment	not modelled	20.3	18	Fold: Chelatase-like Superfamily: "Helical backbone" metal receptor Family: TroA-like
50	d2foka1	Alignment	not modelled	20.1	14	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Restriction endonuclease FokI, N-terminal (recognition) domain
51	d2pc6a2	Alignment	not modelled	19.8	15	Fold: Ferredoxin-like Superfamily: ACT-like Family: IlvH-like
52	c2yg4B_	Alignment	not modelled	19.5	30	PDB header: oxidoreductase Chain: B: PDB Molecule: putrescine oxidase; PDBTitle: structure-based redesign of cofactor binding in

						putrescine2 oxidase: wild type bound to putrescine
53	d2axya1	Alignment	not modelled	19.0	16	Fold: Eukaryotic type KH-domain (KH-domain type I) Superfamily: Eukaryotic type KH-domain (KH-domain type I) Family: Eukaryotic type KH-domain (KH-domain type I)
54	c2xzml	Alignment	not modelled	18.8	23	PDB header: ribosome Chain: I: PDB Molecule: rps16e; PDBTitle: crystal structure of the eukaryotic 40s ribosomal2 subunit in complex with initiation factor 1. this file3 contains the 40s subunit and initiation factor for4 molecule 1
55	c1sezA	Alignment	not modelled	18.8	19	PDB header: oxidoreductase Chain: A: PDB Molecule: protoporphyrinogen oxidase, mitochondrial; PDBTitle: crystal structure of protoporphyrinogen ix oxidase
56	d2fgca2	Alignment	not modelled	18.8	18	Fold: Ferredoxin-like Superfamily: ACT-like Family: IlvH-like
57	c1xvlC	Alignment	not modelled	18.4	13	PDB header: metal transport Chain: C: PDB Molecule: mn transporter; PDBTitle: the three-dimensional structure of mntc from synechocystis2 6803
58	c3pdyB	Alignment	not modelled	18.2	21	PDB header: structural protein Chain: B: PDB Molecule: plectin; PDBTitle: structure of the third and fourth spectrin repeats of the plakin2 domain of plectin
59	d1m0da	Alignment	not modelled	17.1	17	Fold: Restriction endonuclease-like Superfamily: Restriction endonuclease-like Family: Endonuclease I (Holliday junction resolvase)
60	c2bbjB	Alignment	not modelled	17.0	10	PDB header: metal transport/membrane protein Chain: B: PDB Molecule: divalent cation transport-related protein; PDBTitle: crystal structure of the cora mg2+ transporter
61	c3sjbC	Alignment	not modelled	16.4	12	PDB header: hydrolase/transport protein Chain: C: PDB Molecule: golgi to er traffic protein 1; PDBTitle: crystal structure of s. cerevisiae get3 in the open state in complex2 with get1 cytosolic domain
62	d2f1fa1	Alignment	not modelled	16.3	10	Fold: Ferredoxin-like Superfamily: ACT-like Family: IlvH-like
63	d2cta1	Alignment	not modelled	15.7	12	Fold: Eukaryotic type KH-domain (KH-domain type I) Superfamily: Eukaryotic type KH-domain (KH-domain type I) Family: Eukaryotic type KH-domain (KH-domain type I)
64	d2ctea1	Alignment	not modelled	14.9	16	Fold: Eukaryotic type KH-domain (KH-domain type I) Superfamily: Eukaryotic type KH-domain (KH-domain type I) Family: Eukaryotic type KH-domain (KH-domain type I)
65	c3rhaA	Alignment	not modelled	14.8	26	PDB header: oxidoreductase Chain: A: PDB Molecule: putrescine oxidase; PDBTitle: the crystal structure of oxidoreductase from arthrobacter aureus
66	c1s3bB	Alignment	not modelled	14.7	22	PDB header: oxidoreductase Chain: B: PDB Molecule: amine oxidase [flavin-containing] b; PDBTitle: crystal structure of maob in complex with n-methyl-n-2 propargyl-1(r)-aminoindan
67	c3nrxB	Alignment	not modelled	14.6	14	PDB header: protein binding Chain: B: PDB Molecule: protein regulator of cytokinesis 1; PDBTitle: insights into anti-parallel microtubule crosslinking by prc1, a2 conserved non-motor microtubule binding protein
68	c2b7fD	Alignment	not modelled	14.5	40	PDB header: hydrolase/hydrolase inhibitor Chain: D: PDB Molecule: htlv protease; PDBTitle: crystal structure of human t-cell leukemia virus protease, a novel2 target for anti-cancer design
69	d1lp1a	Alignment	not modelled	14.5	24	Fold: immunoglobulin/albumin-binding domain-like Superfamily: Bacterial immunoglobulin/albumin-binding domains Family: Immunoglobulin-binding protein A modules
70	d1nj8a3	Alignment	not modelled	13.9	14	Fold: Class II aaRS and biotin synthetases Superfamily: Class II aaRS and biotin synthetases Family: Class II aminoacyl-tRNA synthetase (aaRS)-like, catalytic domain
71	d1s05a	Alignment	not modelled	13.2	14	Fold: Four-helical up-and-down bundle Superfamily: Cytochromes Family: Cytochrome c'-like
72	c3neaA	Alignment	not modelled	12.9	27	PDB header: hydrolase Chain: A: PDB Molecule: peptidyl-trna hydrolase; PDBTitle: crystal structure of peptidyl-trna hydrolase from francisella2 tularensis
73	d1djqa3	Alignment	not modelled	12.9	34	Fold: Nucleotide-binding domain Superfamily: Nucleotide-binding domain Family: N-terminal domain of adrenodoxin reductase-like
74	c3s2xB	Alignment	not modelled	12.7	18	PDB header: transferase Chain: B: PDB Molecule: acetyl-coa synthase subunit alpha; PDBTitle: structure of acetyl-coenzyme a synthase alpha subunit c-terminal2 domain
75	c3h0gA	Alignment	not modelled	12.7	11	PDB header: transcription Chain: A: PDB Molecule: dna-directed rna polymerase ii subunit rpb1; PDBTitle: rna polymerase ii from schizosaccharomyces pombe
76	d1vqov1	Alignment	not modelled	12.5	18	Fold: Long alpha-hairpin Superfamily: Ribosomal protein L29 (L29p) Family: Ribosomal protein L29 (L29p)
77	c3g5rA	Alignment	not modelled	12.3	25	PDB header: transferase Chain: A: PDB Molecule: methylenetetrahydrofolate--trna-(uracil-5-)- PDBTitle: crystal structure of thermus thermophilus tmfo in complex with2 tetrahydrofolate
78	d2g5ca1	Alignment	not modelled	12.2	12	Fold: 6-phosphogluconate dehydrogenase C-terminal domain-like Superfamily: 6-phosphogluconate dehydrogenase C-terminal domain-like

						Family: TyrA dimerization domain-like PDB header: hydrolase Chain: A: PDB Molecule: peptidyl-trna hydrolase; PDBTitle: crystal structure of peptidyl-trna hydrolase from mycobacterium2 tuberculosis
79	c2z2jA_	Alignment	not modelled	12.1	23	
80	c1ztgD_	Alignment	not modelled	11.4	16	PDB header: dna, rna binding protein/dna Chain: D: PDB Molecule: poly(rc)-binding protein 1; PDBTitle: human alpha polyc binding protein kh1
81	c2p90B_	Alignment	not modelled	11.3	12	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: hypothetical protein cgl1923; PDBTitle: the crystal structure of a protein of unknown function from2 corynebacterium glutamicum atcc 13032
82	c2dq3A_	Alignment	not modelled	11.3	11	PDB header: ligase Chain: A: PDB Molecule: seryl-trna synthetase; PDBTitle: crystal structure of aq_298
83	d3lada1	Alignment	not modelled	11.2	23	Fold: FAD/NAD(P)-binding domain Superfamily: FAD/NAD(P)-binding domain Family: FAD/NAD-linked reductases, N-terminal and central domains
84	d1dtja_	Alignment	not modelled	11.2	21	Fold: Eukaryotic type KH-domain (KH-domain type I) Superfamily: Eukaryotic type KH-domain (KH-domain type I) Family: Eukaryotic type KH-domain (KH-domain type I)
85	c2pc6C_	Alignment	not modelled	11.1	15	PDB header: lyase Chain: C: PDB Molecule: probable acetolactate synthase isozyme iii (small subunit); PDBTitle: crystal structure of putative acetolactate synthase- small subunit2 from nitrosomonas europaea
86	d2asba3	Alignment	not modelled	11.0	22	Fold: Alpha-lytic protease prodomain-like Superfamily: Prokaryotic type KH domain (KH-domain type II) Family: Prokaryotic type KH domain (KH-domain type II)
87	d1n4ka2	Alignment	not modelled	10.9	32	Fold: beta-Trefoil Superfamily: MIR domain Family: MIR domain
88	d1r73a_	Alignment	not modelled	10.8	16	Fold: Long alpha-hairpin Superfamily: Ribosomal protein L29 (L29p) Family: Ribosomal protein L29 (L29p)
89	c3v2iA_	Alignment	not modelled	10.7	23	PDB header: hydrolase Chain: A: PDB Molecule: peptidyl-trna hydrolase; PDBTitle: structure of a peptidyl-trna hydrolase (pth) from burkholderia2 thailandensis
90	d1wvna1	Alignment	not modelled	10.7	20	Fold: Eukaryotic type KH-domain (KH-domain type I) Superfamily: Eukaryotic type KH-domain (KH-domain type I) Family: Eukaryotic type KH-domain (KH-domain type I)
91	c2ftcB_	Alignment	not modelled	10.6	23	PDB header: ribosome Chain: B: PDB Molecule: mitochondrial ribosomal protein l2; PDBTitle: structural model for the large subunit of the mammalian mitochondrial2 ribosome
92	d2ho2a1	Alignment	not modelled	10.6	57	Fold: WW domain-like Superfamily: WW domain Family: WW domain
93	c3on7C_	Alignment	not modelled	10.6	15	PDB header: oxidoreductase Chain: C: PDB Molecule: oxidoreductase, iron/ascorbate family; PDBTitle: crystal structure of a putative oxygenase (so_2589) from shewanella2 oneidensis at 2.20 a resolution
94	d1hh2p3	Alignment	not modelled	10.5	25	Fold: Alpha-lytic protease prodomain-like Superfamily: Prokaryotic type KH domain (KH-domain type II) Family: Prokaryotic type KH domain (KH-domain type II)
95	c2z9fC_	Alignment	not modelled	10.4	19	PDB header: biosynthetic protein Chain: C: PDB Molecule: cellulose synthase operon protein d; PDBTitle: crystal structure of xcesd protein from acetobacter xylinum
96	c2fgcA_	Alignment	not modelled	10.4	18	PDB header: transferase Chain: A: PDB Molecule: acetolactate synthase, small subunit; PDBTitle: crystal structure of acetolactate synthase- small subunit from2 thermotoga maritima
97	c2b9yA_	Alignment	not modelled	10.3	22	PDB header: isomerase Chain: A: PDB Molecule: putative aminooxidase; PDBTitle: crystal structure of cla-producing fatty acid isomerase2 from p. acnes
98	d1vk8a_	Alignment	not modelled	10.3	6	Fold: Ferredoxin-like Superfamily: MTH1187/YkoF-like Family: MTH1187-like
99	d1s35a1	Alignment	not modelled	10.3	9	Fold: Spectrin repeat-like Superfamily: Spectrin repeat Family: Spectrin repeat