

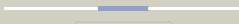
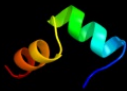



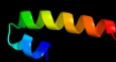









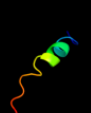

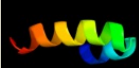










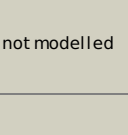


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1e8ca2	 Alignment		29.2	13	Fold: MurD-like peptide ligases, peptide-binding domain Superfamily: MurD-like peptide ligases, peptide-binding domain Family: MurCDEF C-terminal domain
2	d1bsma2	 Alignment		22.0	23	Fold: Fe,Mn superoxide dismutase (SOD), C-terminal domain Superfamily: Fe,Mn superoxide dismutase (SOD), C-terminal domain Family: Fe,Mn superoxide dismutase (SOD), C-terminal domain
3	d2gykb1	 Alignment		17.9	22	Fold: His-Me finger endonucleases Superfamily: His-Me finger endonucleases Family: HNH-motif
4	d1sh0a_	 Alignment		16.1	21	Fold: DNA/RNA polymerases Superfamily: DNA/RNA polymerases Family: RNA-dependent RNA-polymerase
5	c2b43D_	 Alignment		15.8	21	PDB header: viral protein Chain: D: PDB Molecule: non-structural polyprotein; PDBTitle: crystal structure of the norwalk virus rna dependent rna polymerase2 from strain hu/nlv/dresden174/1997/ge
6	d2nyba2	 Alignment		15.3	19	Fold: Fe,Mn superoxide dismutase (SOD), C-terminal domain Superfamily: Fe,Mn superoxide dismutase (SOD), C-terminal domain Family: Fe,Mn superoxide dismutase (SOD), C-terminal domain
7	d1y67a2	 Alignment		15.3	24	Fold: Fe,Mn superoxide dismutase (SOD), C-terminal domain Superfamily: Fe,Mn superoxide dismutase (SOD), C-terminal domain Family: Fe,Mn superoxide dismutase (SOD), C-terminal domain
8	d1idsa2	 Alignment		15.1	31	Fold: Fe,Mn superoxide dismutase (SOD), C-terminal domain Superfamily: Fe,Mn superoxide dismutase (SOD), C-terminal domain Family: Fe,Mn superoxide dismutase (SOD), C-terminal domain
9	c2c55A_	 Alignment		15.0	32	PDB header: viral protein Chain: A: PDB Molecule: protein p6; PDBTitle: solution structure of the human immunodeficiency virus type2 1 p6 protein
10	c3nahC_	 Alignment		14.7	25	PDB header: transferase Chain: C: PDB Molecule: rna dependent rna polymerase; PDBTitle: crystal structures and functional analysis of murine norovirus rna-2 dependent rna polymerase
11	d1jr9a2	 Alignment		12.8	20	Fold: Fe,Mn superoxide dismutase (SOD), C-terminal domain Superfamily: Fe,Mn superoxide dismutase (SOD), C-terminal domain Family: Fe,Mn superoxide dismutase (SOD), C-terminal domain

12	d1gv3a2	Alignment		12.3	12	Fold: Fe,Mn superoxide dismutase (SOD), C-terminal domain Superfamily: Fe,Mn superoxide dismutase (SOD), C-terminal domain Family: Fe,Mn superoxide dismutase (SOD), C-terminal domain
13	d1ix9a2	Alignment		12.2	15	Fold: Fe,Mn superoxide dismutase (SOD), C-terminal domain Superfamily: Fe,Mn superoxide dismutase (SOD), C-terminal domain Family: Fe,Mn superoxide dismutase (SOD), C-terminal domain
14	d1wb8a2	Alignment		12.1	10	Fold: Fe,Mn superoxide dismutase (SOD), C-terminal domain Superfamily: Fe,Mn superoxide dismutase (SOD), C-terminal domain Family: Fe,Mn superoxide dismutase (SOD), C-terminal domain
15	c2zfuA_	Alignment		11.6	10	PDB header: nuclear protein Chain: A: PDB Molecule: cerebral protein 1; PDBTitle: structure of the methyltransferase-like domain of nucleomethylin
16	d1p7ga2	Alignment		10.5	12	Fold: Fe,Mn superoxide dismutase (SOD), C-terminal domain Superfamily: Fe,Mn superoxide dismutase (SOD), C-terminal domain Family: Fe,Mn superoxide dismutase (SOD), C-terminal domain
17	d1uera2	Alignment		10.1	21	Fold: Fe,Mn superoxide dismutase (SOD), C-terminal domain Superfamily: Fe,Mn superoxide dismutase (SOD), C-terminal domain Family: Fe,Mn superoxide dismutase (SOD), C-terminal domain
18	d1coja2	Alignment		9.7	19	Fold: Fe,Mn superoxide dismutase (SOD), C-terminal domain Superfamily: Fe,Mn superoxide dismutase (SOD), C-terminal domain Family: Fe,Mn superoxide dismutase (SOD), C-terminal domain
19	d1b06a2	Alignment		9.7	10	Fold: Fe,Mn superoxide dismutase (SOD), C-terminal domain Superfamily: Fe,Mn superoxide dismutase (SOD), C-terminal domain Family: Fe,Mn superoxide dismutase (SOD), C-terminal domain
20	d2jnga1	Alignment		9.5	13	Fold: SH3-like barrel Superfamily: Tudor/PWWP/MBT Family: CPH domain
21	c2xznT_	Alignment	not modelled	9.5	19	PDB header: ribosome Chain: T: PDB Molecule: rps19e; 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 2
22	c2jufa_	Alignment	not modelled	9.3	13	PDB header: gene regulation Chain: A: PDB Molecule: p53-associated parkin-like cytoplasmic protein; PDBTitle: nmr solution structure of parc cph domain. nesg target2 hr3443b/sgc-toronto
23	c2k4nA_	Alignment	not modelled	9.2	35	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: protein pf0246; PDBTitle: nmr structure of protein pf0246 from pyrococcus furiosus:2 target pfr75 from the northeast structural genomics3 consortium
24	d1unfx2	Alignment	not modelled	8.7	24	Fold: Fe,Mn superoxide dismutase (SOD), C-terminal domain Superfamily: Fe,Mn superoxide dismutase (SOD), C-terminal domain Family: Fe,Mn superoxide dismutase (SOD), C-terminal domain
25	d2jb0b1	Alignment	not modelled	8.5	19	Fold: His-Me finger endonucleases Superfamily: His-Me finger endonucleases Family: HNH-motif
26	c7ceiB_	Alignment	not modelled	8.5	19	PDB header: immune system Chain: B: PDB Molecule: protein (colicin e7 immunity protein); PDBTitle: the endonuclease domain of colicin e7 in complex with its inhibitor2 im7 protein
27	d2p4ka2	Alignment	not modelled	8.4	23	Fold: Fe,Mn superoxide dismutase (SOD), C-terminal domain Superfamily: Fe,Mn superoxide dismutase (SOD), C-terminal domain Family: Fe,Mn superoxide dismutase (SOD), C-terminal domain
						Fold: Fe,Mn superoxide dismutase (SOD), C-terminal domain Superfamily: Fe,Mn superoxide dismutase (SOD), C-terminal domain Family: Fe,Mn superoxide dismutase (SOD), C-terminal domain

28	d1my6a2	Alignment	not modelled	8.1	16	Superrfamily: Fe,Mn superoxide dismutase (SOD), C-terminal domain Family: Fe,Mn superoxide dismutase (SOD), C-terminal domain
29	c3h4rA_	Alignment	not modelled	7.5	47	PDB header: hydrolase Chain: A: PDB Molecule: exodeoxyribonuclease 8; PDBTitle: crystal structure of e. coli rece exonuclease
30	d3sdpa2	Alignment	not modelled	7.5	19	Fold: Fe,Mn superoxide dismutase (SOD), C-terminal domain Superfamily: Fe,Mn superoxide dismutase (SOD), C-terminal domain Family: Fe,Mn superoxide dismutase (SOD), C-terminal domain
31	c3bl9B_	Alignment	not modelled	7.4	31	PDB header: hydrolase Chain: B: PDB Molecule: scavenger mrna-decapping enzyme dcps; PDBTitle: synthetic gene encoded dcps bound to inhibitor dg157493
32	d1mnga2	Alignment	not modelled	7.1	23	Fold: Fe,Mn superoxide dismutase (SOD), C-terminal domain Superfamily: Fe,Mn superoxide dismutase (SOD), C-terminal domain Family: Fe,Mn superoxide dismutase (SOD), C-terminal domain
33	c3iz6S_	Alignment	not modelled	7.1	26	PDB header: ribosome Chain: S: PDB Molecule: 40s ribosomal protein s19 (s19e); PDBTitle: localization of the small subunit ribosomal proteins into a 5.5 a2 cryo-em map of triticum aestivum translating 80s ribosome
34	c3iz5N_	Alignment	not modelled	7.1	43	PDB header: ribosome Chain: N: PDB Molecule: 60s ribosomal protein l14 (l14e); PDBTitle: localization of the large subunit ribosomal proteins into a 5.5 a2 cryo-em map of triticum aestivum translating 80s ribosome
35	c1xmlA_	Alignment	not modelled	7.0	31	PDB header: chaperone Chain: A: PDB Molecule: heat shock-like protein 1; PDBTitle: structure of human dcps
36	d1ohua_	Alignment	not modelled	6.9	9	Fold: Toxins' membrane translocation domains Superfamily: Bcl-2 inhibitors of programmed cell death Family: Bcl-2 inhibitors of programmed cell death
37	c2jofA_	Alignment	not modelled	6.4	38	PDB header: de novo protein Chain: A: PDB Molecule: trp-cage; PDBTitle: the trp-cage: optimizing the stability of a globular2 miniprotein
38	d1u09a_	Alignment	not modelled	6.3	21	Fold: DNA/RNA polymerases Superfamily: DNA/RNA polymerases Family: RNA-dependent RNA-polymerase
39	c2kzuA_	Alignment	not modelled	6.2	22	PDB header: apoptosis Chain: A: PDB Molecule: death-associated protein 6; PDBTitle: daxx helical bundle (dxb) domain / rassf1c complex
40	c1b06A_	Alignment	not modelled	6.1	12	PDB header: oxidoreductase Chain: A: PDB Molecule: protein (superoxide dismutase); PDBTitle: superoxide dismutase from sulfolobus acidocaldarius
41	c1y6uA_	Alignment	not modelled	5.8	33	PDB header: dna binding protein Chain: A: PDB Molecule: excisionase from transposon tn916; PDBTitle: the structure of the excisionase (xis) protein from2 conjugative transposon tn916 provides insights into the3 regulation of heterobivalent tyrosine recombinases
42	d1iufa1	Alignment	not modelled	5.6	18	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: Centromere-binding
43	c2nybC_	Alignment	not modelled	5.6	19	PDB header: oxidoreductase Chain: C: PDB Molecule: superoxide dismutase [fe]; PDBTitle: crystal structure of e.coli iron superoxide dismutase q69e2 at 1.1 angstrom resolution
44	d1dt0a2	Alignment	not modelled	5.6	17	Fold: Fe,Mn superoxide dismutase (SOD), C-terminal domain Superfamily: Fe,Mn superoxide dismutase (SOD), C-terminal domain Family: Fe,Mn superoxide dismutase (SOD), C-terminal domain
45	c1avmA_	Alignment	not modelled	5.5	23	PDB header: oxidoreductase Chain: A: PDB Molecule: superoxide dismutase; PDBTitle: the cambialistic superoxide dismutase (fe-sod) of p. shermanii2 coordinated by azide
46	c2cw2B_	Alignment	not modelled	5.3	16	PDB header: oxidoreductase Chain: B: PDB Molecule: superoxide dismutase 1; PDBTitle: crystal structure of superoxide dismutase from p. marinus
47	c3tqjB_	Alignment	not modelled	5.3	24	PDB header: oxidoreductase Chain: B: PDB Molecule: superoxide dismutase [fe]; PDBTitle: structure of the superoxide dismutase (fe) (sodb) from coxiella2 burnetii
48	d1vlra1	Alignment	not modelled	5.2	31	Fold: HIT-like Superfamily: HIT-like Family: mRNA decapping enzyme DcpS C-terminal domain
49	c1my6A_	Alignment	not modelled	5.2	15	PDB header: oxidoreductase Chain: A: PDB Molecule: iron (iii) superoxide dismutase; PDBTitle: the 1.6 a structure of fe-superoxide dismutase fromthe2 thermophilic cyanobacterium thermosynechococcus elongatus3 : correlation of epr and structural characteristics
50	c2gpcB_	Alignment	not modelled	5.2	15	PDB header: oxidoreductase Chain: B: PDB Molecule: iron superoxide dismutase; PDBTitle: the crystal structure of the enzyme fe-superoxide dismutase2 from trypanosoma cruzi
51	c2a03A_	Alignment	not modelled	5.2	16	PDB header: oxidoreductase Chain: A: PDB Molecule: fe-superoxide dismutase homolog; PDBTitle: superoxide dismutase protein from plasmodium berghei
52	c1ma1E_	Alignment	not modelled	5.1	19	PDB header: oxidoreductase Chain: E: PDB Molecule: superoxide dismutase; PDBTitle: structure and properties of the atypical iron superoxide2 dismutase from methanobacterium thermoautotrophicum