




















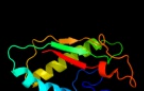







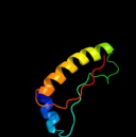
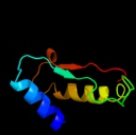


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2l26A_	 Alignment		100.0	24	PDB header: membrane protein Chain: A: PDB Molecule: uncharacterized protein rv0899/mt0922; PDBTitle: rv0899 from mycobacterium tuberculosis contains two separated domains
2	d2aizp1	 Alignment		100.0	55	Fold: Bacillus chorismate mutase-like Superfamily: OmpA-like Family: OmpA-like
3	d2hqsc1	 Alignment		100.0	100	Fold: Bacillus chorismate mutase-like Superfamily: OmpA-like Family: OmpA-like
4	c2kgwA_	 Alignment		100.0	25	PDB header: membrane protein Chain: A: PDB Molecule: outer membrane protein a; PDBTitle: solution structure of the carboxy-terminal domain of ompatb, a pore2 forming protein from mycobacterium tuberculosis
5	c3khnB_	 Alignment		100.0	17	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: motb protein, putative; PDBTitle: crystal structure of putative motb like protein dvu_22282 from desulfovibrio vulgaris.
6	c2k1sA_	 Alignment		100.0	24	PDB header: lipoprotein Chain: A: PDB Molecule: inner membrane lipoprotein yiad; PDBTitle: solution nmr structure of the folded c-terminal fragment of yiad from2 escherichia coli. northeast structural genomics consortium target3 er553.
7	c3td4D_	 Alignment		100.0	25	PDB header: membrane protein,peptide binding protein Chain: D: PDB Molecule: outer membrane protein omp38; PDBTitle: crystal structure of ompa-like domain from acinetobacter baumannii in2 complex with diaminopimelate
8	c3cyqM_	 Alignment		100.0	24	PDB header: membrane protein Chain: M: PDB Molecule: chemotaxis protein motb; PDBTitle: the crystal structure of the complex of the c-terminal domain of2 helicobacter pylori motb (residues 125-256) with n-acetylmuramic acid
9	c1rlmA_	 Alignment		100.0	34	PDB header: membrane protein Chain: A: PDB Molecule: outer membrane protein class 4; PDBTitle: structure of the ompa-like domain of rmpm from neisseria2 meningitidis
10	d1rlma_	 Alignment		100.0	34	Fold: Bacillus chorismate mutase-like Superfamily: OmpA-like Family: OmpA-like
11	c2zvyB_	 Alignment		100.0	23	PDB header: membrane protein Chain: B: PDB Molecule: chemotaxis protein motb; PDBTitle: structure of the periplasmic domain of motb from salmonella2 (crystal form ii)

12	c3ldtA_	Alignment		99.9	16	PDB header: membrane protein Chain: A: PDB Molecule: outer membrane protein, ompa family protein; PDBTitle: crystal structure of an outer membrane protein(ompA)from2 legionella pneumophila
13	c3oonA_	Alignment		99.9	28	PDB header: membrane protein Chain: A: PDB Molecule: outer membrane protein (tpn50); PDBTitle: the structure of an outer membrane protein from borrelia burgdorferi2 b31
14	c2zovA_	Alignment		99.9	26	PDB header: membrane protein Chain: A: PDB Molecule: chemotaxis protein motb; PDBTitle: structure of the periplasmic domain of motb from salmonella2 (crystal form i)
15	c2zf8A_	Alignment		99.8	27	PDB header: structural protein Chain: A: PDB Molecule: component of sodium-driven polar flagellar motor; PDBTitle: crystal structure of moty
16	c2r6hC_	Alignment		48.4	38	PDB header: oxidoreductase Chain: C: PDB Molecule: nadh:ubiquinone oxidoreductase, na translocating, f PDBTitle: crystal structure of the domain comprising the nad binding and the fad2 binding regions of the nadh:ubiquinone oxidoreductase, na3 translocating, f subunit from porphyromonas gingivalis
17	d1gvha3	Alignment		45.4	22	Fold: Ferredoxin reductase-like, C-terminal NADP-linked domain Superfamily: Ferredoxin reductase-like, C-terminal NADP-linked domain Family: Flavoheemoglobin, C-terminal domain
18	c1gvhA_	Alignment		37.0	23	PDB header: oxidoreductase Chain: A: PDB Molecule: flavoheemoprotein; PDBTitle: the x-ray structure of ferric escherichia coli2 flavoheemoglobin reveals an unsuspected geometry of the3 distal heme pocket
19	d1tiaa_	Alignment		36.8	27	Fold: alpha/beta-Hydrolases Superfamily: alpha/beta-Hydrolases Family: Fungal lipases
20	c3ngmB_	Alignment		34.8	36	PDB header: hydrolase Chain: B: PDB Molecule: extracellular lipase; PDBTitle: crystal structure of lipase from gibberella zeae
21	d1tiba_	Alignment	not modelled	33.6	35	Fold: alpha/beta-Hydrolases Superfamily: alpha/beta-Hydrolases Family: Fungal lipases
22	c3g7nA_	Alignment	not modelled	32.0	16	PDB header: hydrolase Chain: A: PDB Molecule: lipase; PDBTitle: crystal structure of a triacylglycerol lipase from2 penicillium expansum at 1.3
23	c1tvcA_	Alignment	not modelled	24.9	14	PDB header: oxidoreductase Chain: A: PDB Molecule: methane monooxygenase component c; PDBTitle: fad and nadh binding domain of methane monooxygenase2 reductase from methylococcus capsulatus (bath)
24	d1bwvs_	Alignment	not modelled	23.8	19	Fold: RuBisCO, small subunit Superfamily: RuBisCO, small subunit Family: RuBisCO, small subunit
25	c3o0dF_	Alignment	not modelled	23.3	26	PDB header: hydrolase Chain: F: PDB Molecule: triacylglycerol lipase; PDBTitle: crystal structure of lip2 lipase from yarrowia lipolytica at 1.7 a2 resolution
26	d1uzhc1	Alignment	not modelled	22.5	16	Fold: RuBisCO, small subunit Superfamily: RuBisCO, small subunit Family: RuBisCO, small subunit
27	d1bxni_	Alignment	not modelled	20.4	16	Fold: RuBisCO, small subunit Superfamily: RuBisCO, small subunit Family: RuBisCO, small subunit
28	d1uwca_	Alignment	not modelled	20.1	25	Fold: alpha/beta-Hydrolases Superfamily: alpha/beta-Hydrolases Family: Fungal lipases
29	d1cqxa3	Alignment	not modelled	19.8	13	Fold: Ferredoxin reductase-like, C-terminal NADP-linked domain Superfamily: Ferredoxin reductase-like, C-terminal NADP-linked domain

						Family: Flavohemoglobin, C-terminal domain Fold: Ferredoxin reductase-like, C-terminal NADP-linked domain Superfamily: Ferredoxin reductase-like, C-terminal NADP-linked domain Family: Aromatic dioxygenase reductase-like
30	d1tvca2	Alignment	not modelled	19.7	11	PDB header: lipid binding protein Chain: B: PDB Molecule: flavohemoprotein; PDBTitle: crystal structure of the flavohemoglobin from alcaligenes eutrophus at2 1.75 a resolution
31	c1cqxB_	Alignment	not modelled	19.6	15	Fold: Ferredoxin reductase-like, C-terminal NADP-linked domain Superfamily: Ferredoxin reductase-like, C-terminal NADP-linked domain Family: Aromatic dioxygenase reductase-like
32	d1krha2	Alignment	not modelled	17.5	15	PDB header: transcription Chain: A: PDB Molecule: putative nitrogen regulatory protein pii; PDBTitle: crystal structure of smu.1657c, putative nitrogen regulatory protein2 pii from streptococcus mutans
33	c3l7pA_	Alignment	not modelled	17.1	17	Fold: RuBisCO, small subunit Superfamily: RuBisCO, small subunit Family: RuBisCO, small subunit
34	d1rbli_	Alignment	not modelled	16.5	17	Fold: Phospholipase D/nuclease Superfamily: Phospholipase D/nuclease Family: Polyphosphate kinase C-terminal domain
35	d1xdpa4	Alignment	not modelled	16.1	9	Fold: alpha/beta-Hydrolases Superfamily: alpha/beta-Hydrolases Family: Fungal lipases
36	d3tgla_	Alignment	not modelled	16.0	23	Fold: RuBisCO, small subunit Superfamily: RuBisCO, small subunit Family: RuBisCO, small subunit
37	d1gk8i_	Alignment	not modelled	15.6	16	Fold: RuBisCO, small subunit Superfamily: RuBisCO, small subunit Family: RuBisCO, small subunit
38	d1svdm1	Alignment	not modelled	14.2	12	Fold: RuBisCO, small subunit Superfamily: RuBisCO, small subunit Family: RuBisCO, small subunit
39	d1ir1s_	Alignment	not modelled	14.2	19	Fold: RuBisCO, small subunit Superfamily: RuBisCO, small subunit Family: RuBisCO, small subunit
40	d1ej7s_	Alignment	not modelled	13.8	16	Fold: RuBisCO, small subunit Superfamily: RuBisCO, small subunit Family: RuBisCO, small subunit
41	d8ruci_	Alignment	not modelled	13.8	19	Fold: RuBisCO, small subunit Superfamily: RuBisCO, small subunit Family: RuBisCO, small subunit
42	d2o8ra4	Alignment	not modelled	13.3	9	Fold: Phospholipase D/nuclease Superfamily: Phospholipase D/nuclease Family: Polyphosphate kinase C-terminal domain
43	d4pgaa_	Alignment	not modelled	13.2	18	Fold: Glutaminase/Asparaginase Superfamily: Glutaminase/Asparaginase Family: Glutaminase/Asparaginase
44	d2v6ai1	Alignment	not modelled	13.1	16	Fold: RuBisCO, small subunit Superfamily: RuBisCO, small subunit Family: RuBisCO, small subunit
45	c2gpjA_	Alignment	not modelled	12.7	12	PDB header: fad-binding protein Chain: A: PDB Molecule: siderophore-interacting protein; PDBTitle: crystal structure of a siderophore-interacting protein (spu1cn32_0076)2 from shewanella putrefaciens cn-32 at 2.20 a resolution
46	d1uzdc1	Alignment	not modelled	12.4	13	Fold: RuBisCO, small subunit Superfamily: RuBisCO, small subunit Family: RuBisCO, small subunit
47	c2ckcA_	Alignment	not modelled	12.2	17	PDB header: hydrolase Chain: A: PDB Molecule: chromodomain-helicase-dna-binding protein 7; PDBTitle: solution structures of the brk domains of the human chromo2 helicase domain 7 and 8, reveals structural similarity3 with gyf domain suggesting a role in protein interaction
48	d2ckca1	Alignment	not modelled	12.2	17	Fold: GYF/BRK domain-like Superfamily: BRK domain-like Family: BRK domain-like
49	d1wdds_	Alignment	not modelled	11.7	19	Fold: RuBisCO, small subunit Superfamily: RuBisCO, small subunit Family: RuBisCO, small subunit
50	d2v0ea1	Alignment	not modelled	11.1	20	Fold: GYF/BRK domain-like Superfamily: BRK domain-like Family: BRK domain-like
51	c2rodB_	Alignment	not modelled	10.2	17	PDB header: apoptosis Chain: B: PDB Molecule: nox2; PDBTitle: solution structure of mcl-1 complexed with noxa
52	c2bgjB_	Alignment	not modelled	9.2	17	PDB header: oxidoreductase Chain: B: PDB Molecule: ferredoxin-nadp(h) reductase; PDBTitle: x-ray structure of the ferredoxin-nadp(h) reductase from2 rhodobacter capsulatus at 2.1 angstroms
53	d1o7ja_	Alignment	not modelled	8.8	18	Fold: Glutaminase/Asparaginase Superfamily: Glutaminase/Asparaginase Family: Glutaminase/Asparaginase
54	c3qbwA_	Alignment	not modelled	8.1	16	PDB header: transferase Chain: A: PDB Molecule: anhydro-n-acetylmuramic acid kinase; PDBTitle: crystal structure of pseudomonas aeruginosa 1,6-anhydro-n-2 acetylmuramic acid kinase (anmk) bound to adenosine diphosphate
55	c3cqyA_	Alignment	not modelled	8.1	24	PDB header: transferase Chain: A: PDB Molecule: anhydro-n-acetylmuramic acid kinase; PDBTitle: crystal structure of a functionally unknown protein

					(so 1313) from2 shewanella oneidensis mr-1
56	c1jrjA_	Alignment	not modelled	8.0	17 PDB header: hormone/growth factor Chain: A: PDB Molecule: exendin-4; PDBTitle: solution structure of exendin-4 in 30-vol% trifluoroethanol
57	c2ckaA_	Alignment	not modelled	7.9	17 PDB header: hydrolase Chain: A: PDB Molecule: chromodomain-helicase-dna-binding protein 8; PDBTitle: solution structures of the brk domains of the human chromo2 helicase domain 7 and 8, reveals structural similarity3 with gyf domain suggesting a role in protein interaction
58	d2ckaa1	Alignment	not modelled	7.9	17 Fold: GYF/BRK domain-like Superfamily: BRK domain-like Family: BRK domain-like
59	d1agxa_	Alignment	not modelled	7.7	23 Fold: Glutaminase/Asparaginase Superfamily: Glutaminase/Asparaginase Family: Glutaminase/Asparaginase
60	c2o8rA_	Alignment	not modelled	7.1	9 PDB header: transferase Chain: A: PDB Molecule: polyphosphate kinase; PDBTitle: crystal structure of polyphosphate kinase from2 porphyromonas gingivalis
61	d1lgya_	Alignment	not modelled	7.1	22 Fold: alpha/beta-Hydrolases Superfamily: alpha/beta-Hydrolases Family: Fungal lipases
62	d1wsaa_	Alignment	not modelled	6.8	13 Fold: Glutaminase/Asparaginase Superfamily: Glutaminase/Asparaginase Family: Glutaminase/Asparaginase
63	d2ibge1	Alignment	not modelled	6.7	13 Fold: Hedgehog/DD-peptidase Superfamily: Hedgehog/DD-peptidase Family: Hedgehog (development protein), N-terminal signaling domain
64	c2ogsA_	Alignment	not modelled	6.7	24 PDB header: hydrolase Chain: A: PDB Molecule: thermostable carboxylesterase est50; PDBTitle: crystal structure of the geobacillus stearothermophilus2 carboxylesterase est55 at ph 6.2
65	d1uc8a1	Alignment	not modelled	6.6	26 Fold: PreATP-grasp domain Superfamily: PreATP-grasp domain Family: Lysine biosynthesis enzyme LysX, N-terminal domain
66	d1tkja1	Alignment	not modelled	6.5	15 Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: Bacterial dinuclear zinc exopeptidases
67	c3pe3D_	Alignment	not modelled	5.8	22 PDB header: transferase Chain: D: PDB Molecule: udp-n-acetylglucosamine--peptide n- PDBTitle: structure of human o-glcnae transferase and its complex with a peptide2 substrate
68	c3pa8A_	Alignment	not modelled	5.5	14 PDB header: toxin/peptide inhibitor Chain: A: PDB Molecule: toxin b; PDBTitle: structure of the c. difficile tcdb cysteine protease domain in complex2 with a peptide inhibitor
69	c3a9lB_	Alignment	not modelled	5.5	22 PDB header: hydrolase Chain: B: PDB Molecule: poly-gamma-glutamate hydrolase; PDBTitle: structure of bacteriophage poly-gamma-glutamate hydrolase
70	c2oghA_	Alignment	not modelled	5.4	18 PDB header: translation Chain: A: PDB Molecule: eukaryotic translation initiation factor eif-1; PDBTitle: solution structure of yeast eif1
71	c1nauA_	Alignment	not modelled	5.3	36 PDB header: hormone/growth factor Chain: A: PDB Molecule: glucagon; PDBTitle: nmr solution structure of the glucagon antagonist [deshis1,2 desphe6, glu9]glucagon amide in the presence of3 perdeuterated dodecylphosphocholine micelles