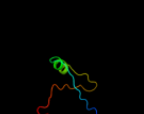
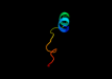
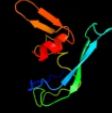
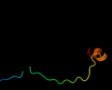


Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2gp4A_	 Alignment		100.0	28	PDB header: lyase Chain: A: PDB Molecule: 6-phosphogluconate dehydratase; PDBTitle: structure of [fes]cluster-free apo form of 6-phosphogluconate2 dehydratase from shewanella oneidensis
2	d2gp4a2	 Alignment		100.0	28	Fold: IlvD/EDD N-terminal domain-like Superfamily: IlvD/EDD N-terminal domain-like Family: IlvD/EDD N-terminal domain-like
3	d2gp4a1	 Alignment		100.0	26	Fold: The "swivelling" beta/beta/alpha domain Superfamily: LeuD/IlvD-like Family: IlvD/EDD C-terminal domain-like
4	c2pcnA_	 Alignment		76.7	13	PDB header: transferase Chain: A: PDB Molecule: s-adenosylmethionine:2-demethylmenaquinone PDBTitle: crystal structure of s-adenosylmethionine: 2-dimethylmenaquinone2 methyltransferase (gk_1813) from geobacillus kaustophilus hta426
5	d1zyma2	 Alignment		73.8	20	Fold: The "swivelling" beta/beta/alpha domain Superfamily: Phosphohistidine domain Family: N-terminal domain of enzyme I of the PEP:sugar phosphotransferase system
6	d1ujva_	 Alignment		66.9	30	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
7	c2jv2A_	 Alignment		60.6	45	PDB header: unknown function Chain: A: PDB Molecule: putative uncharacterized protein ph1500; PDBTitle: solution structure of the n-terminal domain of ph1500
8	d1fjca_	 Alignment		46.0	27	Fold: Ferredoxin-like Superfamily: RNA-binding domain, RBD Family: Canonical RBD
9	d1od5a1	 Alignment		45.2	25	Fold: Double-stranded beta-helix Superfamily: RmlC-like cupins Family: Germin/Seed storage 7S protein
10	d1q5xa_	 Alignment		45.0	16	Fold: The "swivelling" beta/beta/alpha domain Superfamily: RraA-like Family: RraA-like
11	d1dm9a_	 Alignment		42.6	10	Fold: Alpha-L RNA-binding motif Superfamily: Alpha-L RNA-binding motif Family: Heat shock protein 15 kD

12	c1dm9A_	Alignment		42.6	10	PDB header: structural genomics Chain: A: PDB Molecule: hypothetical 15.5 kd protein in mrca-pkca PDBTitle: heat shock protein 15 kd
13	d1pl8a1	Alignment		41.4	21	Fold: GroES-like Superfamily: GroES-like Family: Alcohol dehydrogenase-like, N-terminal domain
14	c3soeA_	Alignment		41.0	21	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)
15	d2npt1	Alignment		40.0	53	Fold: beta-Grasp (ubiquitin-like) Superfamily: CAD & PB1 domains Family: PB1 domain
16	d1rk8a_	Alignment		36.5	21	Fold: Ferredoxin-like Superfamily: RNA-binding domain, RBD Family: Canonical RBD
17	d1wi0a_	Alignment		36.3	53	Fold: beta-Grasp (ubiquitin-like) Superfamily: CAD & PB1 domains Family: PB1 domain
18	c1rkjA_	Alignment		35.9	21	PDB header: transcription/rna Chain: A: PDB Molecule: nucleolin; PDBTitle: solution structure of the complex formed by the two n-2 terminal rna-binding domains of nucleolin and a pre-rna3 target
19	d1r31a1	Alignment		33.8	29	Fold: Ferredoxin-like Superfamily: NAD-binding domain of HMG-CoA reductase Family: NAD-binding domain of HMG-CoA reductase
20	c2k8iA_	Alignment		33.5	18	PDB header: isomerase Chain: A: PDB Molecule: peptidyl-prolyl cis-trans isomerase; PDBTitle: solution structure of e.coli slyd
21	d1wsaa_	Alignment	not modelled	32.5	16	Fold: Glutaminase/Asparaginase Superfamily: Glutaminase/Asparaginase Family: Glutaminase/Asparaginase
22	d2et1a1	Alignment	not modelled	31.5	20	Fold: Double-stranded beta-helix Superfamily: RmlC-like cupins Family: Germin/Seed storage 7S protein
23	c1nxjA_	Alignment	not modelled	31.3	13	PDB header: unknown function Chain: A: PDB Molecule: probable s-adenosylmethionine:2- PDBTitle: structure of rv3853 from mycobacterium tuberculosis
24	d1nxja_	Alignment	not modelled	31.3	13	Fold: The "swivelling" beta/beta/alpha domain Superfamily: RraA-like Family: RraA-like
25	d1wl8a1	Alignment	not modelled	31.0	22	Fold: Flavodoxin-like Superfamily: Class I glutamine amidotransferase-like Family: Class I glutamine amidotransferases (GAT)
26	d1fxza2	Alignment	not modelled	30.5	13	Fold: Double-stranded beta-helix Superfamily: RmlC-like cupins Family: Germin/Seed storage 7S protein
27	c1ezaA_	Alignment	not modelled	29.9	18	PDB header: phosphotransferase Chain: A: PDB Molecule: enzyme i; PDBTitle: amino terminal domain of enzyme i from escherichia coli nmr,2 restrained regularized mean structure
28	c1sddA_	Alignment	not modelled	29.3	21	PDB header: blood clotting Chain: A: PDB Molecule: coagulation factor v; PDBTitle: crystal structure of bovine factor vai
29	d1r61a_	Alignment	not modelled	29.3	20	Fold: The "swivelling" beta/beta/alpha domain Superfamily: Putative cyclase

						Family: Putative cyclase
30	d1lcya1	Alignment	not modelled	29.2	41	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: HtrA-like serine proteases
31	d2hi6a1	Alignment	not modelled	28.1	21	Fold: The "swivelling" beta/beta/alpha domain Superfamily: LeuD/IlvD-like Family: AF0055-like
32	c2e5hA	Alignment	not modelled	27.7	23	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: zinc finger cchc-type and rna-binding motif- PDBTitle: solution structure of rna binding domain in zinc finger2 cchc-type and rna binding motif 1
33	d1rgra	Alignment	not modelled	27.6	25	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
34	d1agxa	Alignment	not modelled	27.0	14	Fold: Glutaminase/Asparaginase Superfamily: Glutaminase/Asparaginase Family: Glutaminase/Asparaginase
35	d1a8ya3	Alignment	not modelled	26.9	17	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Calsequestrin
36	d2csja1	Alignment	not modelled	26.6	21	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
37	c1wa1X	Alignment	not modelled	25.3	11	PDB header: reductase Chain: X: PDB Molecule: dissimilatory copper-containing nitrite PDBTitle: crystal structure of h313q mutant of alcaligenes2 xylooxidans nitrite reductase
38	c1yq4A	Alignment	not modelled	24.7	26	PDB header: oxidoreductase Chain: A: PDB Molecule: succinate dehydrogenase flavoprotein subunit; PDBTitle: avian respiratory complex ii with 3-nitropropionate and ubiquinone
39	d2etna2	Alignment	not modelled	24.5	14	Fold: FKBP-like Superfamily: FKBP-like Family: GreA transcript cleavage factor, C-terminal domain
40	d1kola2	Alignment	not modelled	24.5	20	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Alcohol dehydrogenase-like, C-terminal domain
41	d2hgaa1	Alignment	not modelled	24.1	26	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: MTH1368 C-terminal domain-like
42	c3kw8A	Alignment	not modelled	23.7	26	PDB header: oxidoreductase Chain: A: PDB Molecule: putative copper oxidase; PDBTitle: two-domain laccase from streptomyces coelicolor at 2.3 a resolution
43	c3c8oB	Alignment	not modelled	23.4	17	PDB header: hydrolase regulator Chain: B: PDB Molecule: regulator of ribonuclease activity a; PDBTitle: the crystal structure of rraa from pao1
44	d2bu3a1	Alignment	not modelled	23.3	18	Fold: Cysteine proteinases Superfamily: Cysteine proteinases Family: Phytochelatin synthase
45	d1v7la	Alignment	not modelled	23.2	16	Fold: The "swivelling" beta/beta/alpha domain Superfamily: LeuD/IlvD-like Family: LeuD-like
46	d1k78a1	Alignment	not modelled	22.5	19	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: Paired domain
47	c1yw7A	Alignment	not modelled	22.3	29	PDB header: hydrolase Chain: A: PDB Molecule: methionine aminopeptidase 2; PDBTitle: h-metap2 complexed with a444148
48	d2f23a2	Alignment	not modelled	21.9	14	Fold: FKBP-like Superfamily: FKBP-like Family: GreA transcript cleavage factor, C-terminal domain
49	d1gtta2	Alignment	not modelled	21.6	19	Fold: FAH Superfamily: FAH Family: FAH
50	d1od5a2	Alignment	not modelled	21.4	17	Fold: Double-stranded beta-helix Superfamily: RmlC-like cupins Family: Germin/Seed storage 7S protein
51	d1x5ta1	Alignment	not modelled	21.2	13	Fold: Ferredoxin-like Superfamily: RNA-binding domain, RBD Family: Canonical RBD
52	d6paxa1	Alignment	not modelled	21.2	19	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: Paired domain
53	c3fm3B	Alignment	not modelled	20.6	19	PDB header: hydrolase Chain: B: PDB Molecule: methionine aminopeptidase 2; PDBTitle: crystal structure of an encephalitozoon cuniculi methionine2 aminopeptidase type 2
54	d1wi2a	Alignment	not modelled	20.4	26	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
55	c2kl1A	Alignment	not modelled	20.3	28	PDB header: protein binding Chain: A: PDB Molecule: ylbl protein; PDBTitle: solution structure of gtr34c from geobacillus thermodenitrificans.2 northeast structural genomics consortium target gtr34c PDB header: isomerase

56	c3u7jA_	Alignment	not modelled	20.1	17	Chain: A: PDB Molecule: ribose-5-phosphate isomerase a; PDBTitle: crystal structure of ribose-5-phosphate isomerase a from burkholderia2 thailandensis
57	c2joaA_	Alignment	not modelled	19.9	54	PDB header: protein binding Chain: A: PDB Molecule: serine protease htra1; PDBTitle: htra1 bound to an optimized peptide: nmr assignment of pdz2 domain and ligand resonances
58	d1sdda1	Alignment	not modelled	19.8	21	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
59	c3lzkC_	Alignment	not modelled	19.6	24	PDB header: hydrolase Chain: C: PDB Molecule: fumarylacetoacetate hydrolase family protein; PDBTitle: the crystal structure of a probably aromatic amino acid2 degradation protein from sinorhizobium meliloti 1021
60	d1ry4a_	Alignment	not modelled	19.3	23	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
61	c3cdzA_	Alignment	not modelled	19.1	21	PDB header: blood clotting Chain: A: PDB Molecule: coagulation factor viii heavy chain; PDBTitle: crystal structure of human factor viii
62	c2krqA_	Alignment	not modelled	18.6	30	PDB header: signaling protein Chain: A: PDB Molecule: na(+)/h(+) exchange regulatory cofactor nhe-rf1; PDBTitle: solution structure of human sodium/ hydrogen exchange2 regulatory factor 1(150-358)
63	c3bpuA_	Alignment	not modelled	18.3	24	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
64	c2ka9A_	Alignment	not modelled	18.3	23	PDB header: cell adhesion Chain: A: PDB Molecule: disks large homolog 4; PDBTitle: solution structure of psd-95 pdz12 complexed with cypin2 peptide
65	d1rzxa_	Alignment	not modelled	17.6	19	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
66	c1fuiB_	Alignment	not modelled	17.6	15	PDB header: isomerase Chain: B: PDB Molecule: l-fucose isomerase; PDBTitle: l-fucose isomerase from escherichia coli
67	c3t6oA_	Alignment	not modelled	17.5	13	PDB header: transport protein Chain: A: PDB Molecule: sulfate transporter/antisigma-factor antagonist stas; PDBTitle: the structure of an anti-sigma-factor antagonist (stas) domain protein2 from planctomyces limnophilus.
68	c3fijD_	Alignment	not modelled	17.5	18	PDB header: structural genomics, unknown function Chain: D: PDB Molecule: lin1909 protein; PDBTitle: crystal structure of a uncharacterized protein lin1909
69	d1ueba3	Alignment	not modelled	17.3	19	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
70	c2dhgA_	Alignment	not modelled	17.3	11	PDB header: rna binding protein Chain: A: PDB Molecule: trna selenocysteine associated protein (secp43); PDBTitle: solution structure of the c-terminal rna recognition motif2 in trna selenocysteine associated protein
71	c2kvcA_	Alignment	not modelled	17.2	19	PDB header: unknown function Chain: A: PDB Molecule: putative uncharacterized protein; PDBTitle: solution structure of the mycobacterium tuberculosis protein rv0543c,2 a member of the duf3349 superfamily. seattle structural genomics3 center for infectious disease target mytud.17112.a
72	d1jb0K_	Alignment	not modelled	17.1	44	Fold: Photosystem I reaction center subunit X, PsaK Superfamily: Photosystem I reaction center subunit X, PsaK Family: Photosystem I reaction center subunit X, PsaK
73	c1jb0K_	Alignment	not modelled	17.1	44	PDB header: photosynthesis Chain: K: PDB Molecule: photosystem 1 reaction center subunit x; PDBTitle: crystal structure of photosystem i: a photosynthetic reaction center2 and core antenna system from cyanobacteria
74	c1p1dA_	Alignment	not modelled	17.1	16	PDB header: protein binding Chain: A: PDB Molecule: glutamate receptor interacting protein; PDBTitle: structural insights into the inter-domain chaperoning of2 tandem pdz domains in glutamate receptor interacting3 proteins
75	c2vfjA_	Alignment	not modelled	17.0	26	PDB header: hydrolase Chain: A: PDB Molecule: tumor necrosis factor; PDBTitle: structure of the a20 ovarian tumour (otu) domain
76	c2k6pA_	Alignment	not modelled	16.9	15	PDB header: unknown function Chain: A: PDB Molecule: uncharacterized protein hp_1423; PDBTitle: solution structure of hypothetical protein, hp1423
77	d1vi4a_	Alignment	not modelled	16.5	13	Fold: The "swivelling" beta/beta/alpha domain Superfamily: RraA-like Family: RraA-like
78	d1j3la_	Alignment	not modelled	16.2	12	Fold: The "swivelling" beta/beta/alpha domain Superfamily: RraA-like Family: RraA-like
79	d2fug21	Alignment	not modelled	16.2	15	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: NQO2-like
80	c2pkpA_	Alignment	not modelled	16.1	24	PDB header: lyase Chain: A: PDB Molecule: homoaconitase small subunit; PDBTitle: crystal structure of 3-isopropylmalate dehydratase (leud)2 from methanocaldococcus jannaschii dsm2661 (mj1271)

81	d1qdlb_	Alignment	not modelled	15.9	19	Fold: Flavodoxin-like Superfamily: Class I glutamine amidotransferase-like Family: Class I glutamine amidotransferases (GAT)
82	c3prdA_	Alignment	not modelled	15.8	24	PDB header: chaperone, isomerase Chain: A: PDB Molecule: fkbp-type peptidyl-prolyl cis-trans isomerase; PDBTitle: structural analysis of protein folding by the methanococcus jannaschii2 chaperone fkbp26
83	d2vbua1	Alignment	not modelled	15.8	46	Fold: Reductase/isomerase/elongation factor common domain Superfamily: Riboflavin kinase-like Family: CTP-dependent riboflavin kinase-like
84	c2qv5A_	Alignment	not modelled	15.4	23	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein atu2773; PDBTitle: crystal structure of uncharacterized protein atu2773 from2 agrobacterium tumefaciens c58
85	d1obxa_	Alignment	not modelled	15.4	23	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
86	c1obyB_	Alignment	not modelled	15.4	23	PDB header: cell adhesion Chain: B: PDB Molecule: syntenin 1; PDBTitle: crystal structure of the complex of pdz2 of syntenin with2 a syndecan-4 peptide.
87	c1obxA_	Alignment	not modelled	15.4	23	PDB header: cell adhesion Chain: A: PDB Molecule: syntenin 1; PDBTitle: crystal structure of the complex of pdz2 of syntenin with2 an interleukin 5 receptor alpha peptide.
88	c3mvnA_	Alignment	not modelled	15.4	19	PDB header: ligase Chain: A: PDB Molecule: udp-n-acetylmuramate:l-alanyl-gamma-d-glutamyl-medo- PDBTitle: crystal structure of a domain from a putative udp-n-acetylmuramate:l-2 alanyl-gamma-d-glutamyl-medo-diaminopimelate ligase from haemophilus3 ducreyi 35000hp
89	c2d92A_	Alignment	not modelled	15.4	28	PDB header: protein binding Chain: A: PDB Molecule: inad-like protein; PDBTitle: solution structure of the fifth pdz domain of inad-like2 protein
90	c3f43A_	Alignment	not modelled	15.2	10	PDB header: transcription Chain: A: PDB Molecule: putative anti-sigma factor antagonist tm1081; PDBTitle: crystal structure of a putative anti-sigma factor antagonist (tm1081)2 from thermotoga maritima at 1.59 a resolution
91	c2kfwA_	Alignment	not modelled	15.2	18	PDB header: isomerase Chain: A: PDB Molecule: fkbp-type peptidyl-prolyl cis-trans isomerase PDBTitle: solution structure of full-length slyd from e.coli
92	c3i18A_	Alignment	not modelled	15.1	25	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: lmo2051 protein; PDBTitle: crystal structure of the pdz domain of the sdrc-like protein2 (lmo2051) from listeria monocytogenes, northeast structural3 genomics consortium target lmr166b
93	c2p4vA_	Alignment	not modelled	15.1	15	PDB header: transcription Chain: A: PDB Molecule: transcription elongation factor greb; PDBTitle: crystal structure of the transcript cleavage factor, greb2 at 2.6a resolution
94	d1a9xb2	Alignment	not modelled	15.1	19	Fold: Flavodoxin-like Superfamily: Class I glutamine amidotransferase-like Family: Class I glutamine amidotransferases (GAT)
95	d2b0aa1	Alignment	not modelled	15.0	29	Fold: The "swivelling" beta/beta/alpha domain Superfamily: Putative cyclase Family: Putative cyclase
96	c2zpmA_	Alignment	not modelled	15.0	30	PDB header: hydrolase Chain: A: PDB Molecule: regulator of sigma e protease; PDBTitle: crystal structure analysis of pdz domain b
97	c2cdqB_	Alignment	not modelled	15.0	22	PDB header: transferase Chain: B: PDB Molecule: aspartokinase; PDBTitle: crystal structure of arabidopsis thaliana aspartate kinase2 complexed with lysine and s-adenosylmethionine
98	d1ky9a1	Alignment	not modelled	14.9	42	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: HtrA-like serine proteases
99	c3cgnA_	Alignment	not modelled	14.9	18	PDB header: isomerase Chain: A: PDB Molecule: peptidyl-prolyl cis-trans isomerase; PDBTitle: crystal structure of thermophilic slyd