



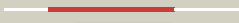






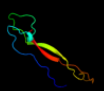

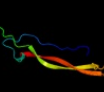

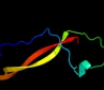

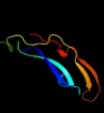






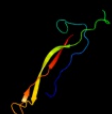

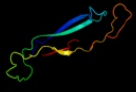






#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1hcnb_	 Alignment		98.7	21	Fold: Cystine-knot cytokines Superfamily: Cystine-knot cytokines Family: Gonadotropin/Follitropin
2	c1qfwB_	 Alignment		98.7	21	PDB header: immune system Chain: B: PDB Molecule: gonadotrophin beta subunit; PDBTitle: ternary complex of human chorionic gonadotropin with fv anti alpha2 subunit and fv anti beta subunit
3	d1xwdb1	 Alignment		98.6	21	Fold: Cystine-knot cytokines Superfamily: Cystine-knot cytokines Family: Gonadotropin/Follitropin
4	c2k8pA_	 Alignment		97.4	24	PDB header: signaling protein Chain: A: PDB Molecule: sclerostin; PDBTitle: characterisation of the structural features and2 interactions of sclerostin: molecular insight into a key3 regulator of wnt-mediated bone formation
5	c2kd3A_	 Alignment		96.9	23	PDB header: protein binding Chain: A: PDB Molecule: sclerostin; PDBTitle: nmr structure of the wnt modulator protein sclerostin
6	c3evsB_	 Alignment		95.1	18	PDB header: cytokine/transferase receptor Chain: B: PDB Molecule: growth/differentiation factor 5; PDBTitle: crystal structure of the gdf-5:bmp receptor ib complex.
7	c2qcqA_	 Alignment		95.0	19	PDB header: signaling protein Chain: A: PDB Molecule: bone morphogenetic protein 3; PDBTitle: crystal structure of bone morphogenetic protein-3 (bmp-3)
8	d2arpa1	 Alignment		94.8	16	Fold: Cystine-knot cytokines Superfamily: Cystine-knot cytokines Family: Transforming growth factor (TGF)-beta
9	c2gyrB_	 Alignment		94.6	16	PDB header: hormone/growth factor Chain: B: PDB Molecule: neurotrophic factor artemin, isoform 3; PDBTitle: crystal structure of human artemin
10	d2h62a1	 Alignment		94.6	18	Fold: Cystine-knot cytokines Superfamily: Cystine-knot cytokines Family: Transforming growth factor (TGF)-beta
11	d1lxia_	 Alignment		94.6	17	Fold: Cystine-knot cytokines Superfamily: Cystine-knot cytokines Family: Transforming growth factor (TGF)-beta

12	c1zkzA_	Alignment		93.9	17	PDB header: hormone/growth factor Chain: A: PDB Molecule: growth/differentiation factor 2; PDBTitle: crystal structure of bmp9
13	c3hh2B_	Alignment		93.6	14	PDB header: signaling protein/cytokine Chain: B: PDB Molecule: growth/differentiation factor 8; PDBTitle: crystal structure of the myostatin:folistatin 288 complex
14	c2qcwB_	Alignment		93.6	18	PDB header: signaling protein Chain: B: PDB Molecule: bone morphogenetic protein 6; PDBTitle: crystal structure of bone morphogenetic protein-6 (bmp-6)
15	d1pdga_	Alignment		92.6	19	Fold: Cystine-knot cytokines Superfamily: Cystine-knot cytokines Family: Platelet-derived growth factor-like
16	c1agqB_	Alignment		92.1	19	PDB header: growth factor Chain: B: PDB Molecule: glial cell-derived neurotrophic factor; PDBTitle: glial cell-derived neurotrophic factor from rat
17	c2xv7A_	Alignment		92.1	19	PDB header: hormone Chain: A: PDB Molecule: vascular endothelial growth factor d; PDBTitle: crystal structure of vascular endothelial growth factor d
18	c3mjkE_	Alignment		91.4	23	PDB header: hormone Chain: E: PDB Molecule: platelet-derived growth factor subunit a; PDBTitle: structure of a growth factor precursor
19	d1ktza_	Alignment		90.7	16	Fold: Cystine-knot cytokines Superfamily: Cystine-knot cytokines Family: Transforming growth factor (TGF)-beta
20	d1agqa_	Alignment		90.5	19	Fold: Cystine-knot cytokines Superfamily: Cystine-knot cytokines Family: Transforming growth factor (TGF)-beta
21	c3mjgB_	Alignment	not modelled	90.3	21	PDB header: hormone/transferase Chain: B: PDB Molecule: platelet-derived growth factor subunit b; PDBTitle: the structure of a platelet derived growth factor receptor complex
22	c2gnnD_	Alignment	not modelled	89.5	21	PDB header: hormone/growth factor Chain: D: PDB Molecule: vascular endothelial growth factor homolog; PDBTitle: crystal structure of the orf virus nz2 variant of vegf-e
23	c2c7wB_	Alignment	not modelled	89.4	21	PDB header: growth factor Chain: B: PDB Molecule: vascular endothelial growth factor b precursor; PDBTitle: crystal structure of human vascular endothelial growth2 factor-b: identification of amino acids important for3 angiogenic activity
24	d2tgia_	Alignment	not modelled	88.6	16	Fold: Cystine-knot cytokines Superfamily: Cystine-knot cytokines Family: Transforming growth factor (TGF)-beta
25	d1fzva_	Alignment	not modelled	88.6	18	Fold: Cystine-knot cytokines Superfamily: Cystine-knot cytokines Family: Platelet-derived growth factor-like
26	c1fzvB_	Alignment	not modelled	88.6	18	PDB header: hormone/growth factor Chain: B: PDB Molecule: placenta growth factor; PDBTitle: the crystal structure of human placenta growth factor-12 (plgf-1), an angiogenic protein at 2.0a resolution
27	d1klaa_	Alignment	not modelled	88.5	16	Fold: Cystine-knot cytokines Superfamily: Cystine-knot cytokines Family: Transforming growth factor (TGF)-beta
28	c2vweB_	Alignment	not modelled	88.2	21	PDB header: immune system Chain: B: PDB Molecule: vascular endothelial growth factor b; PDBTitle: crystal structure of vascular endothelial growth factor-b2

						in complex with a neutralizing antibody fab fragment
29	c2gnnA_	Alignment	not modelled	88.0	21	PDB header: hormone/growth factor Chain: A: PDB Molecule: vascular endothelial growth factor homolog; PDBTitle: crystal structure of the orf virus nz2 variant of vegf-e
30	c3v6bA_	Alignment	not modelled	87.2	22	PDB header: hormone/signaling protein Chain: A: PDB Molecule: vegf-e; PDBTitle: vegfr-2/vegf-e complex structure
31	d1wq9a_	Alignment	not modelled	87.2	14	Fold: Cystine-knot cytokines Superfamily: Cystine-knot cytokines Family: Platelet-derived growth factor-like
32	c3rjrD_	Alignment	not modelled	87.2	16	PDB header: cytokine Chain: D: PDB Molecule: transforming growth factor beta-1; PDBTitle: crystal structure of pro-tgf beta 1
33	d1tgja_	Alignment	not modelled	86.4	13	Fold: Cystine-knot cytokines Superfamily: Cystine-knot cytokines Family: Transforming growth factor (TGF)-beta
34	c2gnnB_	Alignment	not modelled	82.4	23	PDB header: hormone/growth factor Chain: B: PDB Molecule: vascular endothelial growth factor homolog; PDBTitle: crystal structure of the orf virus nz2 variant of vegf-e
35	c3v2aA_	Alignment	not modelled	81.7	18	PDB header: hormone/signaling protein Chain: A: PDB Molecule: vascular endothelial growth factor a; PDBTitle: vegfr-2/vegf-a complex structure
36	d1fltv_	Alignment	not modelled	81.7	18	Fold: Cystine-knot cytokines Superfamily: Cystine-knot cytokines Family: Platelet-derived growth factor-like
37	c2gnnC_	Alignment	not modelled	80.1	21	PDB header: hormone/growth factor Chain: C: PDB Molecule: vascular endothelial growth factor homolog; PDBTitle: crystal structure of the orf virus nz2 variant of vegf-e
38	d1wq8a_	Alignment	not modelled	69.3	16	Fold: Cystine-knot cytokines Superfamily: Cystine-knot cytokines Family: Platelet-derived growth factor-like
39	d2fiya1	Alignment	not modelled	64.2	22	Fold: FdhE-like Superfamily: FdhE-like Family: FdhE-like
40	c2x1wC_	Alignment	not modelled	54.5	23	PDB header: hormone/signaling protein Chain: C: PDB Molecule: vascular endothelial growth factor c; PDBTitle: crystal structure of vegf-c in complex with domains 2 and 32 of vegfr2
41	d1n26a1	Alignment	not modelled	27.8	64	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: I set domains
42	c2nswA_	Alignment	not modelled	17.3	60	PDB header: signaling protein Chain: A: PDB Molecule: mating pheromone en-2; PDBTitle: nmr solution structure of the pheromone en-2
43	d1hcna_	Alignment	not modelled	16.5	25	Fold: Cystine-knot cytokines Superfamily: Cystine-knot cytokines Family: Gonadotropin/Follitropin
44	d1nuia2	Alignment	not modelled	13.3	28	Fold: Rubredoxin-like Superfamily: Zinc beta-ribbon Family: DNA primase zinc finger
45	c1b6j_	Alignment	not modelled	12.0	18	PDB header: hydrolase/protein binding Chain: J: PDB Molecule: bowman-birk type trypsin inhibitor; PDBTitle: trypsin:bbi complex
46	d1mr1c_	Alignment	not modelled	11.8	25	Fold: SAND domain-like Superfamily: SAND domain-like Family: SMAD4-binding domain of oncoprotein Ski
47	c3facE_	Alignment	not modelled	11.7	15	PDB header: unknown function Chain: E: PDB Molecule: putative uncharacterized protein; PDBTitle: crystal structure of rhodobacter sphaeroides protein2 rsp_2168. northeast structural genomics target rhr83.
48	c1tdhA_	Alignment	not modelled	11.0	36	PDB header: hydrolase Chain: A: PDB Molecule: nei endonuclease viii-like 1; PDBTitle: crystal structure of human endonuclease viii-like 1 (nei1)
49	d1k81a_	Alignment	not modelled	10.8	21	Fold: Zinc-binding domain of translation initiation factor 2 beta Superfamily: Zinc-binding domain of translation initiation factor 2 beta Family: Zinc-binding domain of translation initiation factor 2 beta
50	d1m4ua_	Alignment	not modelled	9.2	29	Fold: Cystine-knot cytokines Superfamily: Cystine-knot cytokines Family: Noggin
51	c1neeA_	Alignment	not modelled	9.1	21	PDB header: translation Chain: A: PDB Molecule: probable translation initiation factor 2 beta PDBTitle: structure of archaeal translation factor aif2beta from2 methanobacterium thermoautotrophicum
52	c2e9hA_	Alignment	not modelled	7.9	22	PDB header: translation Chain: A: PDB Molecule: eukaryotic translation initiation factor 5; PDBTitle: solution structure of the eif-5_eif-2b domain from human2 eukaryotic translation initiation factor 5
53	c2dcuB_	Alignment	not modelled	7.9	28	PDB header: translation Chain: B: PDB Molecule: translation initiation factor 2 beta subunit; PDBTitle: crystal structure of translation initiation factor aif2betagamma2 heterodimer with gdp
54	d2cora1	Alignment	not modelled	7.2	45	Fold: Glucocorticoid receptor-like (DNA-binding domain) Superfamily: Glucocorticoid receptor-like (DNA-binding domain) Family: LIM domain
						PDB header: blood clotting

55	c3h32A_	Alignment	not modelled	7.0	29	Chain: A: PDB Molecule: fibrinogen alpha chain; PDBTitle: crystal structure of d-dimer from human fibrin complexed with gly-his-2 arg-pro-tyr-amide
56	d1p8ba_	Alignment	not modelled	6.9	36	Fold: Knottins (small inhibitors, toxins, lectins) Superfamily: omega toxin-like Family: Albumin 1
57	c3cw2M_	Alignment	not modelled	6.8	24	PDB header: translation Chain: M: PDB Molecule: translation initiation factor 2 subunit beta; PDBTitle: crystal structure of the intact archaeal translation2 initiation factor 2 from sulfolobus solfataricus .
58	d2cona1	Alignment	not modelled	6.8	35	Fold: Rubredoxin-like Superfamily: NOB1 zinc finger-like Family: NOB1 zinc finger-like
59	c2h43A_	Alignment	not modelled	6.4	29	PDB header: blood clotting Chain: A: PDB Molecule: fibrinogen alpha chain; PDBTitle: crystal structure of human fragment d complexed with ala-his-arg-pro-2 amide
60	d1gsma1	Alignment	not modelled	6.3	31	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: I set domains
61	d2fufa1	Alignment	not modelled	5.9	17	Fold: Origin of replication-binding domain, RBD-like Superfamily: Origin of replication-binding domain, RBD-like Family: The origin DNA-binding domain of SV40 T-antigen
62	c1n73A_	Alignment	not modelled	5.7	43	PDB header: blood clotting Chain: A: PDB Molecule: fibrin alpha-1 chain; PDBTitle: fibrin d-dimer, lamprey complexed with the peptide ligand: gly-his-2 arg-pro-amide
63	d1weqa_	Alignment	not modelled	5.5	40	Fold: FYVE/PHD zinc finger Superfamily: FYVE/PHD zinc finger Family: PHD domain
64	d1tdha3	Alignment	not modelled	5.5	36	Fold: Glucocorticoid receptor-like (DNA-binding domain) Superfamily: Glucocorticoid receptor-like (DNA-binding domain) Family: C-terminal, Zn-finger domain of MutM-like DNA repair proteins
65	d1gpua2	Alignment	not modelled	5.4	63	Fold: Thiamin diphosphate-binding fold (THDP-binding) Superfamily: Thiamin diphosphate-binding fold (THDP-binding) Family: TK-like Pyr module
66	c1re3A_	Alignment	not modelled	5.4	29	PDB header: blood clotting Chain: A: PDB Molecule: fibrinogen alpha/alpha-e chain; PDBTitle: crystal structure of fragment d of bbetad398a fibrinogen with the2 peptide ligand gly-his-arg-pro-amide
67	d1ju8a_	Alignment	not modelled	5.3	45	Fold: Knottins (small inhibitors, toxins, lectins) Superfamily: omega toxin-like Family: Albumin 1
68	c2o01l_	Alignment	not modelled	5.3	40	PDB header: photosynthesis Chain: I: PDB Molecule: photosystem i reaction center subunit viii; PDBTitle: the structure of a plant photosystem i supercomplex at 3.42 angstrom resolution
69	c2wsel_	Alignment	not modelled	5.3	40	PDB header: photosynthesis Chain: I: PDB Molecule: photosystem i reaction center subunit viii; PDBTitle: improved model of plant photosystem i
70	c3lw5l_	Alignment	not modelled	5.3	40	PDB header: photosynthesis Chain: I: PDB Molecule: photosystem i reaction center subunit viii; PDBTitle: improved model of plant photosystem i