Phyre2

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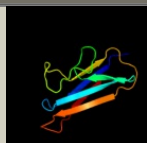
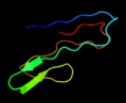
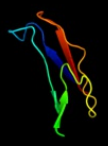
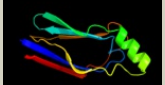
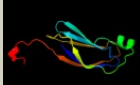
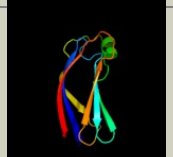
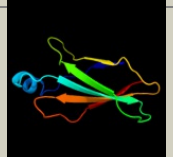
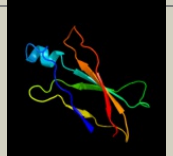
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1wmda1	Alignment		98.4	23	**Fold:**Galactose-binding domain-like **Superfamily:**Galactose-binding domain-like **Family:**Proprotein convertase P-domain
2	c3afgA_	Alignment		96.1	25	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**subtilisin-like serine protease; **PDBTitle:** crystal structure of pron-tk-sp from thermococcus kodakaraensis
3	c1wmeA_	Alignment		94.8	23	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**protease; **PDBTitle:** crystal structure of alkaline serine protease kp-43 from bacillus sp.2 ksm-kp43 (1.50 angstrom, 293 k)
4	c2qngA_	Alignment		94.4	23	**PDB header:**structural genomics, unknown function **Chain:** A: **PDB Molecule:**uncharacterized protein sav2460; **PDBTitle:** crytal structure of unknown function protein sav2460
5	c2kxvA_	Alignment		93.1	25	**PDB header:**unknown function **Chain:** A: **PDB Molecule:**tellurite resistance protein; **PDBTitle:** nmr structure and calcium-binding properties of the tellurite2 resistance protein terd from klebsiella pneumoniae
6	c3ibzA_	Alignment		93.1	25	**PDB header:**structural genomics, unknown function **Chain:** A: **PDB Molecule:**putative tellurium resistant like protein terd; **PDBTitle:** crystal structure of putative tellurium resistant like protein (terd)2 from streptomyces coelicolor a3(2)
7	c2qz7B_	Alignment		91.3	21	**PDB header:**structural genomics, unknown function **Chain:** B: **PDB Molecule:**uncharacterized protein sco6318; **PDBTitle:** the crystal structure of a homologue of telluride resistance protein2 (terd), sco6318 from streptomyces coelicolor a3(2)
8	c3jqxA_	Alignment		90.7	13	**PDB header:**cell adhesion **Chain:** A: **PDB Molecule:**colh protein; **PDBTitle:** crystal structure of clostridium histolyticum colh collagenase2 collagen binding domain 3 at 2.2 angstrom resolution in the presence3 of calcium and cademium
9	d1p8ja1	Alignment		89.8	19	**Fold:**Galactose-binding domain-like **Superfamily:**Galactose-binding domain-like **Family:**Proprotein convertase P-domain
10	c1p8jB_	Alignment		87.7	21	**PDB header:**hydrolase/hydrolase inhibitor **Chain:** B: **PDB Molecule:**furin precursor; **PDBTitle:** crystal structure of the proprotein convertase furin
11	c1r64A_	Alignment		86.1	9	**PDB header:**hydrolase/hydrolase inhibitor **Chain:** A: **PDB Molecule:**kexin; **PDBTitle:** the 2.2 a crystal structure of kex2 protease in complex with ac-arg-2 glu-lys-boroarg peptidyl boronic acid inhibitor

12	c3isyA_	Alignment		78.7	13	**PDB header:**protein binding **Chain:** A: **PDB Molecule:**intracellular proteinase inhibitor; **PDBTitle:** crystal structure of an intracellular proteinase inhibitor (ipi,2 bsu11130) from bacillus subtilis at 2.61 a resolution
13	d2id4a1	Alignment		76.6	11	**Fold:**Galactose-binding domain-like **Superfamily:**Galactose-binding domain-like **Family:**Proprotein convertase P-domain
14	d1nqjb_	Alignment		75.9	13	**Fold:**CUB-like **Superfamily:**Collagen-binding domain **Family:**Collagen-binding domain
15	c2oxaA_	Alignment		75.1	17	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**extracellular serine protease; **PDBTitle:** crystal structure of serine protease of aeromonas sobria
16	d1tdqa2	Alignment		74.9	14	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
17	c1h8lA_	Alignment		73.1	15	**PDB header:**carboxypeptidase **Chain:** A: **PDB Molecule:**carboxypeptidase gp180 residues 503-882; **PDBTitle:** duck carboxypeptidase d domain ii in complex with gemsa
18	c2yrzA_	Alignment		72.9	11	**PDB header:**cell adhesion **Chain:** A: **PDB Molecule:**integrin beta-4; **PDBTitle:** solution structure of the fibronectin type iii domain of2 human integrin beta-4
19	d2mfna1	Alignment		71.8	17	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
20	d1nqja_	Alignment		67.5	14	**Fold:**CUB-like **Superfamily:**Collagen-binding domain **Family:**Collagen-binding domain
21	c3cu7A_	Alignment	not modelled	64.1	18	**PDB header:**immune system **Chain:** A: **PDB Molecule:**complement c5; **PDBTitle:** human complement component 5
22	d1fnha2	Alignment	not modelled	62.8	11	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
23	d2d7pa1	Alignment	not modelled	61.9	10	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**E set domains **Family:**Filamin repeat (rod domain)
24	d1tdqa3	Alignment	not modelled	60.2	19	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
25	d1fnfa1	Alignment	not modelled	56.3	16	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
26	d1ulva2	Alignment	not modelled	55.4	25	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**E set domains **Family:**E-set domains of sugar-utilizing enzymes
27	d1qr4a2	Alignment	not modelled	54.8	19	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
28	d1tena_	Alignment	not modelled	54.1	14	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
29	d1h8la1	Alignment	not modelled	54.0	15	**Fold:**Prealbumin-like **Superfamily:**Carboxypeptidase regulatory domain-like

						Family: Carboxypeptidase regulatory domain
30	c3mn8A_	Alignment	not modelled	53.0	20	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**lp15968p; **PDBTitle:** structure of drosophila melanogaster carboxypeptidase d isoform 1b2 short
31	c2jf1A_	Alignment	not modelled	52.7	9	**PDB header:**cell adhesion **Chain:** A: **PDB Molecule:**filamin-a; **PDBTitle:** crystal structure of the filamin a repeat 21 complexed with2 the integrin beta2 cytoplasmic tail peptide
32	c2dleA_	Alignment	not modelled	48.9	20	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**receptor-type tyrosine-protein phosphatase eta; **PDBTitle:** solution structure of the fourth fn3 domain of human2 receptor-type tyrosine-protein phosphatase eta
33	d1nkga1	Alignment	not modelled	48.6	14	**Fold:**Prealbumin-like **Superfamily:**Starch-binding domain-like **Family:**Rhamnogalacturonase B, RhgB, middle domain
34	c2b39B_	Alignment	not modelled	47.8	14	**PDB header:**immune system **Chain:** B: **PDB Molecule:**c3; **PDBTitle:** structure of mammalian c3 with an intact thioester at 3a resolution
35	d1fnha3	Alignment	not modelled	45.1	11	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
36	d2cuia1	Alignment	not modelled	42.9	10	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
37	c2qbwA_	Alignment	not modelled	42.3	9	**PDB header:**unknown function **Chain:** A: **PDB Molecule:**pdz-fibronectin fusion protein; **PDBTitle:** the crystal structure of pdz-fibronectin fusion protein
38	d2dj4a1	Alignment	not modelled	41.4	19	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**E set domains **Family:**Filamin repeat (rod domain)
39	c2eddA_	Alignment	not modelled	40.5	11	**PDB header:**apoptosis **Chain:** A: **PDB Molecule:**netrin receptor dcc; **PDBTitle:** solution structure of the fifth fibronectin type iii domain2 of human netrin receptor dcc
40	c1ttfA_	Alignment	not modelled	39.7	15	**PDB header:**glycoprotein **Chain:** A: **PDB Molecule:**fibronectin; **PDBTitle:** the three-dimensional structure of the tenth type iii2 module of fibronectin: an insight into rgd-mediated3 interactions
41	c1ttgA_	Alignment	not modelled	39.7	15	**PDB header:**glycoprotein **Chain:** A: **PDB Molecule:**fibronectin; **PDBTitle:** the three-dimensional structure of the tenth type iii2 module of fibronectin: an insight into rgd-mediated3 interactions
42	c2nsmA_	Alignment	not modelled	39.1	19	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**carboxypeptidase n catalytic chain; **PDBTitle:** crystal structure of the human carboxypeptidase n (kininase i)2 catalytic domain
43	c2h45A_	Alignment	not modelled	39.1	18	**PDB header:**cell adhesion, structural protein **Chain:** A: **PDB Molecule:**fibronectin; **PDBTitle:** solution structure of the second type iii domain of human2 fibronectin: ensemble of 25 structures
44	c2qkiA_	Alignment	not modelled	38.2	11	**PDB header:**immune system/hydrolase inhibitor **Chain:** A: **PDB Molecule:**complement c3; **PDBTitle:** human c3c in complex with the inhibitor compstatin
45	d1x5ja1	Alignment	not modelled	37.8	10	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
46	d1fnaa_	Alignment	not modelled	34.6	12	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
47	c1fnaA_	Alignment	not modelled	34.6	12	**PDB header:**cell adhesion protein **Chain:** A: **PDB Molecule:**fibronectin cell-adhesion module type iii-10; **PDBTitle:** crystal structure of the tenth type iii cell adhesion2 module of human fibronectin
48	c2k7qA_	Alignment	not modelled	33.6	14	**PDB header:**structural protein **Chain:** A: **PDB Molecule:**filamin-a; **PDBTitle:** filamin a ig-like domains 18-19
49	d2e9ia1	Alignment	not modelled	32.1	16	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**E set domains **Family:**Filamin repeat (rod domain)
50	d2dn7a1	Alignment	not modelled	31.6	15	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
51	d2dmca1	Alignment	not modelled	30.5	21	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**E set domains **Family:**Filamin repeat (rod domain)
52	c3rzwA_	Alignment	not modelled	29.8	11	**PDB header:**protein binding **Chain:** A: **PDB Molecule:**monobody ysmb-9; **PDBTitle:** crystal structure of the monobody ysmb-9 bound to human sumo1
53	d2j3sa2	Alignment	not modelled	27.7	15	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**E set domains **Family:**Filamin repeat (rod domain)
54	d2dica1	Alignment	not modelled	27.5	19	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**E set domains **Family:**Filamin repeat (rod domain)
55	d3csba1	Alignment	not modelled	26.8	11	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III

56	d2cuha1	Alignment	not modelled	26.6	13	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
57	c3b83B_	Alignment	not modelled	25.6	11	**PDB header:**unknown function **Chain:** B: **PDB Molecule:**ten-d3; **PDBTitle:** tba
58	c3k2mD_	Alignment	not modelled	25.2	11	**PDB header:**signaling protein/protein binding **Chain:** D: **PDB Molecule:**monobody ha4; **PDBTitle:** crystal structure of monobody ha4/abl1 sh2 domain complex
59	d2mfna2	Alignment	not modelled	24.6	9	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
60	d1j8ka_	Alignment	not modelled	24.3	10	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
61	c2ck2B_	Alignment	not modelled	23.7	16	**PDB header:**signaling protein **Chain:** B: **PDB Molecule:**human fibronectin; **PDBTitle:** structure of core-swapped mutant of fibronectin
62	c2ee3A_	Alignment	not modelled	23.7	10	**PDB header:**signaling protein **Chain:** A: **PDB Molecule:**collagen alpha-1(xx) chain; **PDBTitle:** solution structures of the fn3 domain of human collagen2 alpha-1(xx) chain
63	d1fnha1	Alignment	not modelled	23.5	11	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
64	c1qfhB_	Alignment	not modelled	22.8	15	**PDB header:**actin binding protein **Chain:** B: **PDB Molecule:**protein (gelation factor); **PDBTitle:** dimerization of gelation factor from dictyostelium2 discoideum: crystal structure of rod domains 5 and 6
65	d2crza1	Alignment	not modelled	22.7	11	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
66	d1tdqa1	Alignment	not modelled	22.4	17	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
67	c2yuwA_	Alignment	not modelled	21.5	7	**PDB header:**cell adhesion **Chain:** A: **PDB Molecule:**myosin binding protein c, slow type; **PDBTitle:** solution structure of 2nd fibronectin domain of slow type2 myosin-binding protein c
68	d1v05a_	Alignment	not modelled	21.0	10	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**E set domains **Family:**Filamin repeat (rod domain)
69	d2di8a1	Alignment	not modelled	20.7	16	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**E set domains **Family:**Filamin repeat (rod domain)
70	d1fnfa3	Alignment	not modelled	19.7	15	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
71	c2vzqA_	Alignment	not modelled	17.6	19	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**exo-beta-d-glucosaminidase; **PDBTitle:** c-terminal cbm35 from amycolatopsis orientalis exo-2 chitosanase csxa in complex with digalacturonic acid
72	c3qhtD_	Alignment	not modelled	17.5	9	**PDB header:**de novo protein **Chain:** D: **PDB Molecule:**monobody ysmb-1; **PDBTitle:** crystal structure of the monobody ysmb-1 bound to yeast sumo
73	c2wy3B_	Alignment	not modelled	17.2	16	**PDB header:**immune system/viral protein **Chain:** B: **PDB Molecule:**uncharacterized protein ul16; **PDBTitle:** structure of the hcmv ul16-micb complex elucidates select2 binding of a viral immunoevasin to diverse nkg2d ligands
74	c3uyoD_	Alignment	not modelled	16.3	20	**PDB header:**signaling protein/protein binding **Chain:** D: **PDB Molecule:**monobody sh13; **PDBTitle:** crystal structure of monobody sh13/abl1 sh2 domain complex
75	c3hrzA_	Alignment	not modelled	16.1	14	**PDB header:**immune system **Chain:** A: **PDB Molecule:**cobra venom factor; **PDBTitle:** cobra venom factor (cvf) in complex with human factor b
76	d2j2za2	Alignment	not modelled	15.7	15	**Fold:**C2 domain-like **Superfamily:**Periplasmic chaperone C-domain **Family:**Periplasmic chaperone C-domain
77	d1owwa_	Alignment	not modelled	15.2	8	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
78	c2k7pA_	Alignment	not modelled	15.1	19	**PDB header:**structural protein **Chain:** A: **PDB Molecule:**filamin-a; **PDBTitle:** filamin a ig-like domains 16-17
79	d2d7na1	Alignment	not modelled	15.0	18	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**E set domains **Family:**Filamin repeat (rod domain)
80	d1ueya_	Alignment	not modelled	14.6	12	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
81	d2dmba1	Alignment	not modelled	14.0	23	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**E set domains **Family:**Filamin repeat (rod domain)
82	d1pk6a_	Alignment	not modelled	13.7	9	**Fold:**TNF-like **Superfamily:**TNF-like **Family:**TNF-like
						PDB header:toxin

83	c2qk7A_	Alignment	not modelled	13.5	10	**Chain:** A: **PDB Molecule:**gamma-hemolysin component a; **PDBTitle:** a covalent s-f heterodimer of staphylococcal gamma-hemolysin
84	d1x5la1	Alignment	not modelled	13.5	13	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
85	c3le4A_	Alignment	not modelled	12.8	29	**PDB header:**nuclear protein **Chain:** A: **PDB Molecule:**microprocessor complex subunit dgcr8; **PDBTitle:** crystal structure of the dgcr8 dimerization domain
86	c1qd6C_	Alignment	not modelled	12.6	19	**PDB header:**membrane protein **Chain:** C: **PDB Molecule:**protein (outer membrane phospholipase (ompla)); **PDBTitle:** outer membrane phospholipase a from escherichia coli
87	d2diaa1	Alignment	not modelled	12.4	16	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**E set domains **Family:**Filamin repeat (rod domain)
88	c3ohnA_	Alignment	not modelled	12.3	18	**PDB header:**membrane protein **Chain:** A: **PDB Molecule:**outer membrane usher protein fimd; **PDBTitle:** crystal structure of the fimd translocation domain
89	d2djsa1	Alignment	not modelled	12.2	13	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
90	c2dlhA_	Alignment	not modelled	11.9	11	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**receptor-type tyrosine-protein phosphatase delta; **PDBTitle:** solution structure of the second fn3 domain of human2 receptor-type tyrosine-protein phosphatase delta
91	d1fnfa2	Alignment	not modelled	11.9	10	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
92	d1x5xa1	Alignment	not modelled	11.5	13	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
93	c1fw3A_	Alignment	not modelled	11.3	20	**PDB header:**hydrolase, membrane protein **Chain:** A: **PDB Molecule:**outer membrane phospholipase a; **PDBTitle:** outer membrane phospholipase a from escherichia coli
94	d1x5ya1	Alignment	not modelled	11.1	13	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
95	c3osvC_	Alignment	not modelled	10.9	15	**PDB header:**structural protein **Chain:** C: **PDB Molecule:**flagellar basal-body rod modification protein flgd; **PDBTitle:** the crytsal structure of flgd from p. aeruginosa
96	c2brqB_	Alignment	not modelled	10.6	16	**PDB header:**structural protein **Chain:** B: **PDB Molecule:**filamin a; **PDBTitle:** crystal structure of the filamin a repeat 21 complexed with2 the integrin beta7 cytoplasmic tail peptide
97	c2aivA_	Alignment	not modelled	10.5	17	**PDB header:**transport protein **Chain:** A: **PDB Molecule:**fragment of nucleoporin nup116/nsp116; **PDBTitle:** multiple conformations in the ligand-binding site of the2 yeast nuclear pore targeting domain of nup116p
98	d1x5aa1	Alignment	not modelled	10.5	18	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Fibronectin type III **Family:**Fibronectin type III
99	c2e9jA_	Alignment	not modelled	10.5	17	**PDB header:**structural protein **Chain:** A: **PDB Molecule:**filamin-b; **PDBTitle:** solution structure of the 14th filamin domain from human2 filamin-b