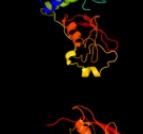
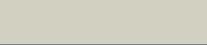
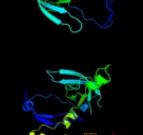
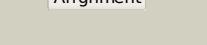


# Phyre<sup>2</sup>

Email	i.a.kelley@imperial.ac.uk
Description	P45757
Date	Wed Jan 25 15:20:55 GMT 2012
Unique Job ID	ad457e9f9dc0291a

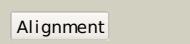
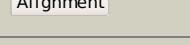
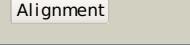
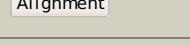
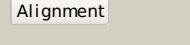
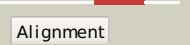
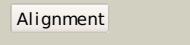
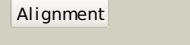
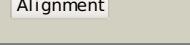
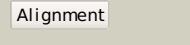
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c3stjC_</a>			100.0	15	<b>PDB header:</b> hydrolase <b>Chain:</b> C; <b>PDB Molecule:</b> protease degq; <b>PDBTitle:</b> crystal structure of the protease + pdz1 domain of degq from2 escherichia coli
2	<a href="#">c4a8al_</a>			100.0	15	<b>PDB header:</b> hydrolase/hydrolase <b>Chain:</b> I; <b>PDB Molecule:</b> periplasmic ph-dependent serine endoprotease degq; <b>PDBTitle:</b> asymmetric cryo-em reconstruction of e. coli degq 12-mer in complex2 with lysozyme
3	<a href="#">c3pv5B_</a>			100.0	15	<b>PDB header:</b> hydrolase <b>Chain:</b> B; <b>PDB Molecule:</b> degg; <b>PDBTitle:</b> structure of legionella fallonii degq (n189g/p190g variant)
4	<a href="#">c1ky9A_</a>			100.0	13	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> protease do; <b>PDBTitle:</b> crystal structure of degp (htra)
5	<a href="#">c1lcyA_</a>			100.0	15	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> htra2 serine protease; <b>PDBTitle:</b> crystal structure of the mitochondrial serine protease htra2
6	<a href="#">c3gd5A_</a>			100.0	11	<b>PDB header:</b> hydrolase/hydrolase activator <b>Chain:</b> A; <b>PDB Molecule:</b> protease degs; <b>PDBTitle:</b> crystal structure of degs h198p/d320a mutant modified by dfp in2 complex with dnrldgnvyyf peptide
7	<a href="#">c3pv4A_</a>			100.0	15	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> degg; <b>PDBTitle:</b> structure of legionella fallonii degq (delta-pdz2 variant)
8	<a href="#">c3qo6B_</a>			100.0	12	<b>PDB header:</b> photosynthesis <b>Chain:</b> B; <b>PDB Molecule:</b> protease do-like 1, chloroplastic; <b>PDBTitle:</b> crystal structure analysis of the plant protease deg1
9	<a href="#">c2z9iB_</a>			100.0	12	<b>PDB header:</b> hydrolase <b>Chain:</b> B; <b>PDB Molecule:</b> probable serine protease pepd; <b>PDBTitle:</b> crystal structure of rv0983 from mycobacterium tuberculosis-2 proteolytically active form
10	<a href="#">c2r3yC_</a>			99.9	13	<b>PDB header:</b> hydrolase/hydrolase activator <b>Chain:</b> C; <b>PDB Molecule:</b> protease degs; <b>PDBTitle:</b> crystal structure of the degs protease in complex with the2 ywf activating peptide
11	<a href="#">d2i4sa1</a>			99.8	20	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> EpsC C-terminal domain-like

12	<a href="#">d2i6va1</a>			99.7	22	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> EpsC C-terminal domain-like
13	<a href="#">c2p3wB</a>			99.6	19	<b>PDB header:</b> protein binding <b>Chain:</b> B: <b>PDB Molecule:</b> probable serine protease htra3; <b>PDBTitle:</b> crystal structure of the htra3 pdz domain bound to a phage-derived2 ligand (fgrwv)
14	<a href="#">c2joaA</a>			99.6	18	<b>PDB header:</b> protein binding <b>Chain:</b> A: <b>PDB Molecule:</b> serine protease htral; <b>PDBTitle:</b> htral bound to an optimized peptide: nmr assignment of pdz2 domain and ligand resonances
15	<a href="#">d1lcya1</a>			99.6	17	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> HtrA-like serine proteases
16	<a href="#">d2z9ia1</a>			99.5	13	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> HtrA-like serine proteases
17	<a href="#">d1ky9a1</a>			99.5	11	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> HtrA-like serine proteases
18	<a href="#">c2kl1A</a>			99.5	9	<b>PDB header:</b> protein binding <b>Chain:</b> A: <b>PDB Molecule:</b> ybl protein; <b>PDBTitle:</b> solution structure of gtr34c from geobacillus thermodenitrificans.2 northeast structural genomics consortium target gtr34c
19	<a href="#">c3i18A</a>			99.5	10	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> lmo2051 protein; <b>PDBTitle:</b> crystal structure of the pdz domain of the sdrc-like protein2 (lmo2051) from listeria monocytogenes, northeast structural3 genomics consortium target lmr166b
20	<a href="#">c2kjpa</a>			99.4	8	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein ybl; <b>PDBTitle:</b> solution structure of protein ybl (bsu15050) from bacillus2 subtilis, northeast structural genomics consortium target3 sr713a
21	<a href="#">d1ky9a2</a>		not modelled	99.4	14	<b>Fold:</b> Trypsin-like serine proteases <b>Superfamily:</b> Trypsin-like serine proteases <b>Family:</b> Prokaryotic proteases
22	<a href="#">c2rcel</a>		not modelled	99.3	13	<b>PDB header:</b> hydrolase <b>Chain:</b> I: <b>PDB Molecule:</b> protease degs; <b>PDBTitle:</b> dfp modified degs delta pdz
23	<a href="#">c3ossC</a>		not modelled	99.3	30	<b>PDB header:</b> protein transport <b>Chain:</b> C: <b>PDB Molecule:</b> type 2 secretion system, gspc; <b>PDBTitle:</b> the crystal structure of enterotoxigenic escherichia coli gspc-gspd2 complex from the type ii secretion system
24	<a href="#">d1sotal</a>		not modelled	99.3	12	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> HtrA-like serine proteases
25	<a href="#">d2hgaa1</a>		not modelled	99.3	16	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> MTH1368 C-terminal domain-like
26	<a href="#">d1ky9b2</a>		not modelled	99.2	16	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> HtrA-like serine proteases
27	<a href="#">c3mmgb</a>		not modelled	99.2	9	<b>PDB header:</b> viral protein, hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> nuclear inclusion protein a; <b>PDBTitle:</b> crystal structure of tobacco vein mottling virus protease
28	<a href="#">d1fc6a3</a>		not modelled	99.2	11	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> Tail specific protease PDZ domain
29	<a href="#">c3rlca</a>		not modelled	99.1	17	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> golgi reassembly-stacking protein 2;

29	<a href="#">c3ttaA</a>	Alignment	not modelled	99.1	17	<b>PDBTitle:</b> crystal structure of grasp55 grasp domain (residues 7-208)
30	<a href="#">c2zplA</a>	Alignment	not modelled	99.1	12	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> regulator of sigma e protease; <b>PDBTitle:</b> crystal structure analysis of pdz domain a
31	<a href="#">d1l1ja</a>	Alignment	not modelled	99.1	15	<b>Fold:</b> Trypsin-like serine proteases <b>Superfamily:</b> Trypsin-like serine proteases <b>Family:</b> Prokaryotic proteases
32	<a href="#">c2zpmA</a>	Alignment	not modelled	99.1	19	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> regulator of sigma e protease; <b>PDBTitle:</b> crystal structure analysis of pdz domain b
33	<a href="#">d1q31a</a>	Alignment	not modelled	99.1	11	<b>Fold:</b> Trypsin-like serine proteases <b>Superfamily:</b> Trypsin-like serine proteases <b>Family:</b> Viral proteases
34	<a href="#">d2qf3a1</a>	Alignment	not modelled	99.0	14	<b>Fold:</b> Trypsin-like serine proteases <b>Superfamily:</b> Trypsin-like serine proteases <b>Family:</b> Prokaryotic proteases
35	<a href="#">d2z9ia2</a>	Alignment	not modelled	98.9	12	<b>Fold:</b> Trypsin-like serine proteases <b>Superfamily:</b> Trypsin-like serine proteases <b>Family:</b> Prokaryotic proteases
36	<a href="#">d1lvmb</a>	Alignment	not modelled	98.9	11	<b>Fold:</b> Trypsin-like serine proteases <b>Superfamily:</b> Trypsin-like serine proteases <b>Family:</b> Viral proteases
37	<a href="#">c3nwuB</a>	Alignment	not modelled	98.8	15	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> serine protease htra1; <b>PDBTitle:</b> substrate induced remodeling of the active site regulates htra12 activity
38	<a href="#">c3nziA</a>	Alignment	not modelled	98.8	13	<b>PDB header:</b> hydrolase/hydrolase substrate <b>Chain:</b> A: <b>PDB Molecule:</b> serine protease htra1; <b>PDBTitle:</b> substrate induced remodeling of the active site regulates htra12 activity
39	<a href="#">c2yuyA</a>	Alignment	not modelled	98.8	16	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> rho gtpase activating protein 21; <b>PDBTitle:</b> solution structure of pdz domain of rho gtpase activating2 protein 21
40	<a href="#">c3stiC</a>	Alignment	not modelled	98.8	15	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> protease degq; <b>PDBTitle:</b> crystal structure of the protease domain of degq from escherichia coli
41	<a href="#">c2eaqA</a>	Alignment	not modelled	98.8	22	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> lim domain only protein 7; <b>PDBTitle:</b> crystal structure of pdz domain of kiaa0858 (lim), ms07932 from homo sapiens
42	<a href="#">d1qtfA</a>	Alignment	not modelled	98.7	10	<b>Fold:</b> Trypsin-like serine proteases <b>Superfamily:</b> Trypsin-like serine proteases <b>Family:</b> Prokaryotic proteases
43	<a href="#">d1wifa</a>	Alignment	not modelled	98.7	20	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
44	<a href="#">d1x5qa1</a>	Alignment	not modelled	98.7	18	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
45	<a href="#">c3shuB</a>	Alignment	not modelled	98.6	20	<b>PDB header:</b> cell adhesion <b>Chain:</b> B: <b>PDB Molecule:</b> tight junction protein zo-1; <b>PDBTitle:</b> crystal structure of zo-1 pdz3
46	<a href="#">d1wfga</a>	Alignment	not modelled	98.6	22	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
47	<a href="#">c2b0fA</a>	Alignment	not modelled	98.6	3	<b>PDB header:</b> hydrolase/hydrolase inhibitor <b>Chain:</b> A: <b>PDB Molecule:</b> picornain 3c (protease 3c) (p3c); <b>PDBTitle:</b> nmr structure of the human rhinovirus 3c protease (serotype 14) with2 covalently bound ace-lealfq-ethylpropionate inhibitor
48	<a href="#">c3diwB</a>	Alignment	not modelled	98.6	16	<b>PDB header:</b> signaling protein/cell adhesion <b>Chain:</b> B: <b>PDB Molecule:</b> tax1-binding protein 3; <b>PDBTitle:</b> c-terminal beta-catenin bound tip-1 structure
49	<a href="#">c3l4fD</a>	Alignment	not modelled	98.6	10	<b>PDB header:</b> signaling protein/protein binding <b>Chain:</b> D: <b>PDB Molecule:</b> sh3 and multiple ankyrin repeat domains protein <b>PDBTitle:</b> crystal structure of betapix coiled-coil domain and shank2 pdz complex
50	<a href="#">c2krqA</a>	Alignment	not modelled	98.6	13	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> na(+)/h(+) exchange regulatory cofactor nhe-rf1; <b>PDBTitle:</b> solution structure of human sodium/ hydrogen exchange2 regulatory factor 1(150-358)
51	<a href="#">c2komA</a>	Alignment	not modelled	98.6	15	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> partitioning defective 3 homolog; <b>PDBTitle:</b> solution structure of human par-3b pdz2 (residues 451-549)
52	<a href="#">d1ueqa</a>	Alignment	not modelled	98.6	16	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
53	<a href="#">c2g3gA</a>	Alignment	not modelled	98.6	10	<b>PDB header:</b> structural genomics <b>Chain:</b> A: <b>PDB Molecule:</b> pdz and lim domain protein 7; <b>PDBTitle:</b> structure of the pdz domain of human pdlim7 bound to a c-2 terminal extension from human beta-tropomyosin
54	<a href="#">d1q3oa</a>	Alignment	not modelled	98.6	11	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
55	<a href="#">d1rgwa</a>	Alignment	not modelled	98.6	12	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like

					<b>Family:</b> PDZ domain
56	<a href="#">d1m5za</a>	Alignment	not modelled	98.6	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
57	<a href="#">c2eehA</a>	Alignment	not modelled	98.6	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> pdz domain-containing protein 7; <b>PDBTitle:</b> solution structure of first pdz domain of pdz domain2 containing protein 7
58	<a href="#">d2f5ya1</a>	Alignment	not modelled	98.5	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
59	<a href="#">d1ozia</a>	Alignment	not modelled	98.5	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
60	<a href="#">c2kjda</a>	Alignment	not modelled	98.5	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> sodium/hydrogen exchange regulatory cofactor nhe- <b>PDBTitle:</b> solution structure of extended pdz2 domain from nherf1 (150-2 270)
61	<a href="#">d1uf1a</a>	Alignment	not modelled	98.5	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
62	<a href="#">d1lcya2</a>	Alignment	not modelled	98.5	<b>Fold:</b> Trypsin-like serine proteases <b>Superfamily:</b> Trypsin-like serine proteases <b>Family:</b> Prokaryotic proteases
63	<a href="#">c3khfA</a>	Alignment	not modelled	98.5	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> microtubule-associated serine/threonine-protein <b>PDBTitle:</b> the crystal structure of the pdz domain of human microtubule2 associated serine/threonine kinase 3 (mast3)
64	<a href="#">c3shwA</a>	Alignment	not modelled	98.5	<b>PDB header:</b> cell adhesion <b>Chain:</b> A: <b>PDB Molecule:</b> tight junction protein zo-1; <b>PDBTitle:</b> crystal structure of zo-1 pdz3-sh3-guk supramodule complex with2 connexin-45 peptide
65	<a href="#">d1p1da2</a>	Alignment	not modelled	98.5	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
66	<a href="#">c2vwrA</a>	Alignment	not modelled	98.5	<b>PDB header:</b> protein-binding <b>Chain:</b> A: <b>PDB Molecule:</b> ligand of numb protein x 2; <b>PDBTitle:</b> crystal structure of the second pdz domain of numb-binding2 protein 2
67	<a href="#">c2v90E</a>	Alignment	not modelled	98.5	<b>PDB header:</b> protein-binding <b>Chain:</b> E: <b>PDB Molecule:</b> pdz domain-containing protein 3; <b>PDBTitle:</b> crystal structure of the 3rd pdz domain of intestine- and2 kidney-enriched pdz domain ikepp (pdzd3)
68	<a href="#">c2w5eB</a>	Alignment	not modelled	98.5	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> putative serine protease; <b>PDBTitle:</b> structural and biochemical analysis of human pathogenic2 astrovirus serine protease at 2.0 angstrom resolution
69	<a href="#">c2qt5A</a>	Alignment	not modelled	98.5	<b>PDB header:</b> peptide binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> glutamate receptor-interacting protein 1; <b>PDBTitle:</b> crystal structure of grip1 pdz12 in complex with the fras12 peptide
70	<a href="#">d1t2ma1</a>	Alignment	not modelled	98.5	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
71	<a href="#">d2fe5a1</a>	Alignment	not modelled	98.5	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
72	<a href="#">c3k6za</a>	Alignment	not modelled	98.5	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> possible membrane-associated serine protease; <b>PDBTitle:</b> crystal structure of rv3671c protease, inactive form
73	<a href="#">d1ihja</a>	Alignment	not modelled	98.5	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
74	<a href="#">c2egkC</a>	Alignment	not modelled	98.5	<b>PDB header:</b> protein binding <b>Chain:</b> C: <b>PDB Molecule:</b> general receptor for phosphoinositides 1- <b>PDBTitle:</b> crystal structure of tamalin pdz-intrinsic ligand fusion2 protein
75	<a href="#">c1p1dA</a>	Alignment	not modelled	98.5	<b>PDB header:</b> protein binding <b>Chain:</b> A: <b>PDB Molecule:</b> glutamate receptor interacting protein; <b>PDBTitle:</b> structural insights into the inter-domain chaperoning of2 tandem pdz domains in glutamate receptor interacting3 proteins
76	<a href="#">c2v1wB</a>	Alignment	not modelled	98.5	<b>PDB header:</b> structural protein <b>Chain:</b> B: <b>PDB Molecule:</b> pdz and lim domain protein 4; <b>PDBTitle:</b> crystal structure of human lim protein ril (pdlim4) pdz2 domain bound to the c-terminal peptide of human alpha-3 actinin-1
77	<a href="#">d1wf7a</a>	Alignment	not modelled	98.5	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
78	<a href="#">d2cssa1</a>	Alignment	not modelled	98.5	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
79	<a href="#">d1w9ea1</a>	Alignment	not modelled	98.4	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
80	<a href="#">c1u38A</a>	Alignment	not modelled	98.4	<b>PDB header:</b> protein transport <b>Chain:</b> A: <b>PDB Molecule:</b> amyloid beta a4 precursor protein-binding, <b>PDBTitle:</b> auto-inhibition mechanism of x11s/mints family scaffold2 proteins revealed by the closed conformation of the tandem3 pdz domains

81	<a href="#">c3qgID</a>		Alignment	not modelled	98.4	13	<b>PDB header:</b> protein binding <b>Chain:</b> D: <b>PDB Molecule:</b> sorting nexin-27; <b>PDBTitle:</b> crystal structure of pdz domain of sorting nexin 27 (snx27) in complex2 with the eseskv peptide corresponding to the c-terminal tail of girk3
82	<a href="#">d1q7xa</a>		Alignment	not modelled	98.4	20	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
83	<a href="#">c2dm8A</a>		Alignment	not modelled	98.4	21	<b>PDB header:</b> protein binding <b>Chain:</b> A: <b>PDB Molecule:</b> inad-like protein; <b>PDBTitle:</b> solution structure of the eighth pdz domain of human inad-2 like protein
84	<a href="#">c2o2tB</a>		Alignment	not modelled	98.4	22	<b>PDB header:</b> structural protein <b>Chain:</b> B: <b>PDB Molecule:</b> multiple pdz domain protein; <b>PDBTitle:</b> the crystal structure of the 1st pdz domain of mpdz
85	<a href="#">d1p1da1</a>		Alignment	not modelled	98.4	16	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
86	<a href="#">c1u37A</a>		Alignment	not modelled	98.4	21	<b>PDB header:</b> protein transport <b>Chain:</b> A: <b>PDB Molecule:</b> amyloid beta a4 precursor protein-binding, <b>PDBTitle:</b> auto-inhibition mechanism of x11s/mints family scaffold2 proteins revealed by the closed conformation of the tandem3 pdz domains
87	<a href="#">d1wf8a1</a>		Alignment	not modelled	98.4	20	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
88	<a href="#">d2byga1</a>		Alignment	not modelled	98.4	22	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
89	<a href="#">c3eggC</a>		Alignment	not modelled	98.4	20	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> spinophilin; <b>PDBTitle:</b> crystal structure of a complex between protein phosphatase 1 alpha2 (pp1) and the pp1 binding and pdz domains of spinophilin
90	<a href="#">c2ogpA</a>		Alignment	not modelled	98.4	17	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> partitioning-defective 3 homolog; <b>PDBTitle:</b> solution structure of the second pdz domain of par-3
91	<a href="#">c2iwnA</a>		Alignment	not modelled	98.4	18	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> multiple pdz domain protein; <b>PDBTitle:</b> 3rd pdz domain of multiple pdz domain protein mpdz (casp2 target)
92	<a href="#">c2he4A</a>		Alignment	not modelled	98.4	12	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> na(+)/h(+) exchange regulatory cofactor nhe-rf2; <b>PDBTitle:</b> the crystal structure of the second pdz domain of human2 nherf-2 (slc9a3r2) interacting with a mode 1 pdz binding3 motif
93	<a href="#">c2gzvA</a>		Alignment	not modelled	98.4	11	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> prkca-binding protein; <b>PDBTitle:</b> the crystal structure of the pdz domain of human pick1 (casp target)
94	<a href="#">c2omjA</a>		Alignment	not modelled	98.4	18	<b>PDB header:</b> cell adhesion <b>Chain:</b> A: <b>PDB Molecule:</b> rho guanine nucleotide exchange factor 12; <b>PDBTitle:</b> solution structure of larg pdz domain
95	<a href="#">c3cyyA</a>		Alignment	not modelled	98.4	13	<b>PDB header:</b> peptide binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> tight junction protein zo-1; <b>PDBTitle:</b> the crystal structure of zo-1 pdz2 in complex with the cx43 peptide
96	<a href="#">d1uhpa</a>		Alignment	not modelled	98.4	17	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
97	<a href="#">c2i04B</a>		Alignment	not modelled	98.4	13	<b>PDB header:</b> peptide binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> membrane-associated guanylate kinase, wu and pdz <b>PDBTitle:</b> x-ray crystal structure of magi-1 pdz1 bound to the c-2 terminal peptide of hpv18 e6
98	<a href="#">c2osgB</a>		Alignment	not modelled	98.4	18	<b>PDB header:</b> cell adhesion <b>Chain:</b> B: <b>PDB Molecule:</b> tight junction protein zo-2; <b>PDBTitle:</b> solution structure and binding property of the domain-2 swapped dimer of zo2pdz2
99	<a href="#">c2jiIA</a>		Alignment	not modelled	98.4	15	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> glutamate receptor interacting protein-1; <b>PDBTitle:</b> crystal structure of 2nd pdz domain of glutamate receptor2 interacting protein-1 (grip1)
100	<a href="#">d1ry4a</a>		Alignment	not modelled	98.4	14	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
101	<a href="#">d1d5ga</a>		Alignment	not modelled	98.4	20	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
102	<a href="#">c2ka9A</a>		Alignment	not modelled	98.4	19	<b>PDB header:</b> cell adhesion <b>Chain:</b> A: <b>PDB Molecule:</b> disks large homolog 4; <b>PDBTitle:</b> solution structure of psd-95 pdz12 complexed with cyph2 peptide
103	<a href="#">c2z17A</a>		Alignment	not modelled	98.4	13	<b>PDB header:</b> protein binding <b>Chain:</b> A: <b>PDB Molecule:</b> pleckstrin homology sec7 and coiled-coil-domains- <b>PDBTitle:</b> crystal sturcture of pdz domain from human pleckstrin2 homology, sec7
104	<a href="#">d1g9oa</a>		Alignment	not modelled	98.4	9	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
105	<a href="#">c2jreA</a>		Alignment	not modelled	98.4	15	<b>PDB header:</b> de novo protein <b>Chain:</b> A: <b>PDB Molecule:</b> c60-1 pdz domain peptide; <b>PDBTitle:</b> c60-1, a pdz domain designed using statistical

					coupling2 analysis
106	<a href="#">c2iwoA</a>	Alignment	not modelled	98.4	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> multiple pdz domain protein; <b>PDBTitle:</b> 12th pdz domain of multiple pdz domain protein mpdz (casp2 target)
107	<a href="#">c2vsvB</a>	Alignment	not modelled	98.3	<b>PDB header:</b> protein-binding <b>Chain:</b> B: <b>PDB Molecule:</b> rophilin-2; <b>PDBTitle:</b> crystal structure of the pdz domain of human rophilin-2
108	<a href="#">c3r0hA</a>	Alignment	not modelled	98.3	<b>PDB header:</b> peptide binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> inactivation-no-after-potential d protein; <b>PDBTitle:</b> structure of inad pdz45 in complex with ng2 peptide
109	<a href="#">c2k1zA</a>	Alignment	not modelled	98.3	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> partitioning-defective 3 homolog; <b>PDBTitle:</b> solution structure of par-3 pdz3
110	<a href="#">d1qaua</a>	Alignment	not modelled	98.3	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
111	<a href="#">d1b8qa</a>	Alignment	not modelled	98.3	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
112	<a href="#">c2jxoA</a>	Alignment	not modelled	98.3	<b>PDB header:</b> protein binding <b>Chain:</b> A: <b>PDB Molecule:</b> ezrin-radixin-moesin-binding phosphoprotein 50; <b>PDBTitle:</b> structure of the second pdz domain of nherf-1
113	<a href="#">d1um1a</a>	Alignment	not modelled	98.3	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
114	<a href="#">d1uepa</a>	Alignment	not modelled	98.3	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
115	<a href="#">c3k1rA</a>	Alignment	not modelled	98.3	<b>PDB header:</b> structural protein <b>Chain:</b> A: <b>PDB Molecule:</b> harmonin; <b>PDBTitle:</b> structure of harmonin npdz1 in complex with the sambm of2 sans
116	<a href="#">c2jikB</a>	Alignment	not modelled	98.3	<b>PDB header:</b> membrane protein <b>Chain:</b> B: <b>PDB Molecule:</b> synaptjanin-2 binding protein; <b>PDBTitle:</b> crystal structure of pdz domain of synaptjanin-2 binding2 protein
117	<a href="#">d1whda</a>	Alignment	not modelled	98.3	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
118	<a href="#">d1wh1a</a>	Alignment	not modelled	98.3	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain
119	<a href="#">c3ggeA</a>	Alignment	not modelled	98.3	<b>PDB header:</b> protein binding <b>Chain:</b> A: <b>PDB Molecule:</b> pdz domain-containing protein gipc2; <b>PDBTitle:</b> crystal structure of the pdz domain of pdz domain-containing protein2 gipc2
120	<a href="#">d1x5ra1</a>	Alignment	not modelled	98.3	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> PDZ domain