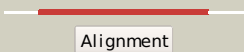

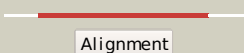

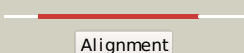

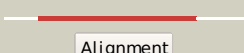



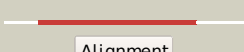

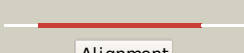

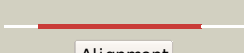









#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c4a8aI_	 Alignment		100.0	62	PDB header: hydrolase/hydrolase Chain: I: PDB Molecule: periplasmic ph-dependent serine endoprotease degg; PDBTitle: asymmetric cryo-em reconstruction of e. coli degg 12-mer in complex2 with lysozyme
2	c3pv5B_	 Alignment		100.0	46	PDB header: hydrolase Chain: B: PDB Molecule: degq; PDBTitle: structure of legionella fallonii degg (n189g/p190g variant)
3	c3stjC_	 Alignment		100.0	70	PDB header: hydrolase Chain: C: PDB Molecule: protease degg; PDBTitle: crystal structure of the protease + pdz1 domain of degg from2 escherichia coli
4	c1ky9A_	 Alignment		100.0	94	PDB header: hydrolase Chain: A: PDB Molecule: protease do; PDBTitle: crystal structure of degg (htra)
5	c3pv4A_	 Alignment		100.0	52	PDB header: hydrolase Chain: A: PDB Molecule: degq; PDBTitle: structure of legionella fallonii degg (delta-pdz2 variant)
6	c3gdsA_	 Alignment		100.0	41	PDB header: hydrolase/hydrolase activator Chain: A: PDB Molecule: protease degs; PDBTitle: crystal structure of degs h198p/d320a mutant modified by dfp in2 complex with dnrngnvyf peptide
7	c3qo6B_	 Alignment		100.0	36	PDB header: photosynthesis Chain: B: PDB Molecule: protease do-like 1, chloroplastic; PDBTitle: crystal structure analysis of the plant protease deg1
8	c1lcyA_	 Alignment		100.0	34	PDB header: hydrolase Chain: A: PDB Molecule: htra2 serine protease; PDBTitle: crystal structure of the mitochondrial serine protease htra2
9	c2z9iB_	 Alignment		100.0	45	PDB header: hydrolase Chain: B: PDB Molecule: probable serine protease pepd; PDBTitle: crystal structure of rv0983 from mycobacterium tuberculosis-2 proteolytically active form
10	c2r3yC_	 Alignment		100.0	44	PDB header: hydrolase/hydrolase activator Chain: C: PDB Molecule: protease degs; PDBTitle: crystal structure of the degs protease in complex with the2 ywf activating peptide
11	d1ky9a2	 Alignment		100.0	98	Fold: Trypsin-like serine proteases Superfamily: Trypsin-like serine proteases Family: Prokaryotic proteases

12	d1l1ja_	Alignment		100.0	44	Fold: Trypsin-like serine proteases Superfamily: Trypsin-like serine proteases Family: Prokaryotic proteases
13	c2rcel_	Alignment		100.0	44	PDB header: hydrolase Chain: I: PDB Molecule: protease degs; PDBTitle: dfp modified degs delta pdz
14	c3stiC_	Alignment		100.0	75	PDB header: hydrolase Chain: C: PDB Molecule: protease degq; PDBTitle: crystal structure of the protease domain of degq from escherichia coli
15	d2qf3a1	Alignment		100.0	51	Fold: Trypsin-like serine proteases Superfamily: Trypsin-like serine proteases Family: Prokaryotic proteases
16	c3nziA_	Alignment		100.0	46	PDB header: hydrolase/hydrolase substrate Chain: A: PDB Molecule: serine protease htra1; PDBTitle: substrate induced remodeling of the active site regulates htra12 activity
17	d2z9ia2	Alignment		100.0	47	Fold: Trypsin-like serine proteases Superfamily: Trypsin-like serine proteases Family: Prokaryotic proteases
18	d1lcya2	Alignment		100.0	42	Fold: Trypsin-like serine proteases Superfamily: Trypsin-like serine proteases Family: Prokaryotic proteases
19	c3nwuB_	Alignment		100.0	48	PDB header: hydrolase Chain: B: PDB Molecule: serine protease htra1; PDBTitle: substrate induced remodeling of the active site regulates htra12 activity
20	c3k6za_	Alignment		100.0	26	PDB header: hydrolase Chain: A: PDB Molecule: possible membrane-associated serine protease; PDBTitle: crystal structure of rv3671c protease, inactive form
21	c3mmgB_	Alignment	not modelled	100.0	20	PDB header: viral protein, hydrolase Chain: B: PDB Molecule: nuclear inclusion protein a; PDBTitle: crystal structure of tobacco vein mottling virus protease
22	c1zyoA_	Alignment	not modelled	99.9	15	PDB header: hydrolase Chain: A: PDB Molecule: serine protease; PDBTitle: crystal structure of the serine protease domain of sesbania mosaic2 virus polypeptide
23	d1q31a_	Alignment	not modelled	99.9	16	Fold: Trypsin-like serine proteases Superfamily: Trypsin-like serine proteases Family: Viral proteases
24	c2w5eB_	Alignment	not modelled	99.9	21	PDB header: hydrolase Chain: B: PDB Molecule: putative serine protease; PDBTitle: structural and biochemical analysis of human pathogenic2 astrovirus serine protease at 2.0 angstrom resolution
25	d1lvmb_	Alignment	not modelled	99.9	17	Fold: Trypsin-like serine proteases Superfamily: Trypsin-like serine proteases Family: Viral proteases
26	d1qtfa_	Alignment	not modelled	99.9	26	Fold: Trypsin-like serine proteases Superfamily: Trypsin-like serine proteases Family: Prokaryotic proteases
27	c2qt5A_	Alignment	not modelled	99.9	21	PDB header: peptide binding protein Chain: A: PDB Molecule: glutamate receptor-interacting protein 1; PDBTitle: crystal structure of grip1 pdz12 in complex with the fras12 peptide
28	c2ka9A_	Alignment	not modelled	99.9	20	PDB header: cell adhesion Chain: A: PDB Molecule: disks large homolog 4; PDBTitle: solution structure of psd-95 pdz12 complexed with cypin2 peptide
						PDB header: protein binding

29	c1p1dA	Alignment	not modelled	99.9	17	Chain: A: PDB Molecule: glutamate receptor interacting protein; PDBTitle: structural insights into the inter-domain chaperoning of 2 tandem pdz domains in glutamate receptor interacting 3 proteins
30	d1agja	Alignment	not modelled	99.9	26	Fold: Trypsin-like serine proteases Superfamily: Trypsin-like serine proteases Family: Prokaryotic proteases
31	c3rleA	Alignment	not modelled	99.9	21	PDB header: membrane protein Chain: A: PDB Molecule: golgi reassembly-stacking protein 2; PDBTitle: crystal structure of grasp55 grasp domain (residues 7-208)
32	c3r0hA	Alignment	not modelled	99.9	16	PDB header: peptide binding protein Chain: A: PDB Molecule: inactivation-no-after-potential d protein; PDBTitle: structure of inad pdz45 in complex with ng2 peptide
33	c2vidA	Alignment	not modelled	99.9	20	PDB header: hydrolase Chain: A: PDB Molecule: serine protease splb; PDBTitle: serine protease splb from staphylococcus aureus at 1.8a2 resolution
34	c2xkB	Alignment	not modelled	99.9	20	PDB header: structural protein Chain: B: PDB Molecule: disks large homolog 4; PDBTitle: single particle analysis of psd-95 in negative stain
35	c1u3bA	Alignment	not modelled	99.8	19	PDB header: protein transport Chain: A: PDB Molecule: amyloid beta a4 precursor protein-binding, PDBTitle: auto-inhibition mechanism of x11s/mints family scaffold2 proteins revealed by the closed conformation of the tandem3 pdz domains
36	c1w9qB	Alignment	not modelled	99.8	22	PDB header: cell adhesion Chain: B: PDB Molecule: syntenin 1; PDBTitle: crystal structure of the pdz tandem of human syntenin in2 complex with trefa peptide
37	c2w7uC	Alignment	not modelled	99.8	21	PDB header: hydrolase Chain: C: PDB Molecule: serine protease spla; PDBTitle: spla serine protease of staphylococcus aureus (2.4a)
38	c2as9B	Alignment	not modelled	99.8	21	PDB header: hydrolase Chain: B: PDB Molecule: serine protease; PDBTitle: functional and structural characterization of spl proteases2 from staphylococcus aureus
39	c2b0fA	Alignment	not modelled	99.8	21	PDB header: hydrolase/hydrolase inhibitor Chain: A: PDB Molecule: picornain 3c (protease 3c) (p3c); PDBTitle: nmr structure of the human rhinovirus 3c protease (serotype 14) with2 covalently bound ace-lealfq-ethylpropionate inhibitor
40	d1cqqa	Alignment	not modelled	99.8	15	Fold: Trypsin-like serine proteases Superfamily: Trypsin-like serine proteases Family: Viral cysteine protease of trypsin fold
41	d2qaaa1	Alignment	not modelled	99.8	17	Fold: Trypsin-like serine proteases Superfamily: Trypsin-like serine proteases Family: Prokaryotic proteases
42	d1l1na	Alignment	not modelled	99.8	16	Fold: Trypsin-like serine proteases Superfamily: Trypsin-like serine proteases Family: Viral cysteine protease of trypsin fold
43	d2h5ca1	Alignment	not modelled	99.7	17	Fold: Trypsin-like serine proteases Superfamily: Trypsin-like serine proteases Family: Prokaryotic proteases
44	c2ouaA	Alignment	not modelled	99.7	17	PDB header: hydrolase Chain: A: PDB Molecule: serine protease; PDBTitle: crystal structure of nocardiosis protease (napase)
45	c2p3wB	Alignment	not modelled	99.7	28	PDB header: protein binding Chain: B: PDB Molecule: probable serine protease htra3; PDBTitle: crystal structure of the htra3 pdz domain bound to a phage-derived2 ligand (fgrwv)
46	d1ky9a1	Alignment	not modelled	99.7	97	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: HtraA-like serine proteases
47	c2joaA	Alignment	not modelled	99.7	25	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
48	d1lcya1	Alignment	not modelled	99.7	22	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: HtraA-like serine proteases
49	c2o8lA	Alignment	not modelled	99.7	21	PDB header: hydrolase Chain: A: PDB Molecule: v8 protease; PDBTitle: structure of v8 protease from staphylococcus aureus
50	d2o8la1	Alignment	not modelled	99.7	21	Fold: Trypsin-like serine proteases Superfamily: Trypsin-like serine proteases Family: Prokaryotic proteases
51	c1qy6A	Alignment	not modelled	99.7	21	PDB header: protease Chain: A: PDB Molecule: serine protease; PDBTitle: structue of v8 protease from staphylococcus aureus
52	d2sfaa	Alignment	not modelled	99.7	17	Fold: Trypsin-like serine proteases Superfamily: Trypsin-like serine proteases Family: Prokaryotic proteases
53	d2sgaa	Alignment	not modelled	99.6	17	Fold: Trypsin-like serine proteases Superfamily: Trypsin-like serine proteases Family: Prokaryotic proteases
54	c2pfeA	Alignment	not modelled	99.6	18	PDB header: hydrolase Chain: A: PDB Molecule: alkaline serine protease; PDBTitle: crystal structure of thermobifida fusca protease a (tfpa)
55	c1wczA	Alignment	not modelled	99.6	22	PDB header: hydrolase Chain: A: PDB Molecule: glutamyl endopeptidase;

55	c1wc2A	Alignment	not modelled	99.6	42	PDBTitle: crystal structure of an alkaline form of v8 protease from2 staphylococcus aureus
56	d2z9ia1	Alignment	not modelled	99.6	32	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: HtrA-like serine proteases
57	c2ea3A	Alignment	not modelled	99.5	18	PDB header: hydrolase Chain: A: PDB Molecule: chymotrypsin; PDBTitle: crystal structure of cellulomonas bogoriensis chymotrypsin
58	d1hpga	Alignment	not modelled	99.5	17	Fold: Trypsin-like serine proteases Superfamily: Trypsin-like serine proteases Family: Prokaryotic proteases
59	c1z87A	Alignment	not modelled	99.5	14	PDB header: protein binding Chain: A: PDB Molecule: alpha-1-syntrophin; PDBTitle: solution structure of the split ph-pdz supramodule of alpha-2 syntrophin
60	d1p3ca	Alignment	not modelled	99.5	15	Fold: Trypsin-like serine proteases Superfamily: Trypsin-like serine proteases Family: Prokaryotic proteases
61	d1ky9b2	Alignment	not modelled	99.5	99	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: HtrA-like serine proteases
62	c2kl1A	Alignment	not modelled	99.4	28	PDB header: protein binding Chain: A: PDB Molecule: ylbl protein; PDBTitle: solution structure of the gtr34c from geobacillus thermodenitrificans.2 northeast structural genomics consortium target gtr34c
63	d1arba	Alignment	not modelled	99.4	12	Fold: Trypsin-like serine proteases Superfamily: Trypsin-like serine proteases Family: Prokaryotic proteases
64	d1ozia	Alignment	not modelled	99.4	17	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
65	c2krqA	Alignment	not modelled	99.4	18	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)
66	c3i18A	Alignment	not modelled	99.4	22	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
67	c3eggC	Alignment	not modelled	99.4	18	PDB header: hydrolase Chain: C: PDB Molecule: spinophilin; PDBTitle: crystal structure of a complex between protein phosphatase 1 alpha2 (pp1) and the pp1 binding and pdz domains of spinophilin
68	d2i4sa1	Alignment	not modelled	99.4	18	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: EpsC C-terminal domain-like
69	d1p1da2	Alignment	not modelled	99.4	19	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
70	d1sota1	Alignment	not modelled	99.3	34	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: HtrA-like serine proteases
71	c2kjpA	Alignment	not modelled	99.3	32	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein ylbl; PDBTitle: solution structure of protein ylbl (bsu15050) from bacillus2 subtilis, northeast structural genomics consortium target3 sr713a
72	d1fc6a3	Alignment	not modelled	99.3	22	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: Tail specific protease PDZ domain
73	c2kjdA	Alignment	not modelled	99.3	18	PDB header: signaling protein Chain: A: PDB Molecule: sodium/hydrogen exchange regulatory cofactor nhe- PDBTitle: solution structure of extended pdz2 domain from nherf1 (150-2 270)
74	c2jikB	Alignment	not modelled	99.3	21	PDB header: membrane protein Chain: B: PDB Molecule: synaptojanin-2 binding protein; PDBTitle: crystal structure of pdz domain of synaptojanin-2 binding2 protein
75	c3diwB	Alignment	not modelled	99.3	24	PDB header: signaling protein/cell adhesion Chain: B: PDB Molecule: tax1-binding protein 3; PDBTitle: c-terminal beta-catenin bound tip-1 structure
76	c2ji1A	Alignment	not modelled	99.3	21	PDB header: membrane protein Chain: A: PDB Molecule: glutamate receptor interacting protein-1; PDBTitle: crystal structure of 2nd pdz domain of glutamate receptor2 interacting protein-1 (grip1)
77	c3i4fD	Alignment	not modelled	99.3	19	PDB header: signaling protein/protein binding Chain: D: PDB Molecule: sh3 and multiple ankyrin repeat domains protein PDBTitle: crystal structure of betapix coiled-coil domain and shank2 pdz complex
78	d1x5qa1	Alignment	not modelled	99.3	27	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
79	c2v90E	Alignment	not modelled	99.3	18	PDB header: protein-binding Chain: E: PDB Molecule: pdz domain-containing protein 3; PDBTitle: crystal structure of the 3rd pdz domain of intestine- and2 kidney-enriched pdz domain ikepp (pdzd3)
						Fold: PDZ domain-like

80	d1um1a_	Alignment	not modelled	99.3	20	Superfamily: PDZ domain-like Family: PDZ domain
81	d2fe5a1	Alignment	not modelled	99.3	16	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
82	d1uhpa_	Alignment	not modelled	99.3	25	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
83	d1rgwa_	Alignment	not modelled	99.3	18	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
84	d1d5ga_	Alignment	not modelled	99.3	17	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
85	d1wfga_	Alignment	not modelled	99.3	15	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
86	d1wh1a_	Alignment	not modelled	99.3	26	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
87	c2iwnA_	Alignment	not modelled	99.3	19	PDB header: signaling protein Chain: A: PDB Molecule: multiple pdz domain protein; PDBTitle: 3rd pdz domain of multiple pdz domain protein mpdz (casp2 target)
88	d1t2ma1	Alignment	not modelled	99.3	19	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
89	d2byga1	Alignment	not modelled	99.3	18	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
90	d1q7xa_	Alignment	not modelled	99.3	16	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
91	d1m5za_	Alignment	not modelled	99.3	22	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
92	c2db5A_	Alignment	not modelled	99.3	20	PDB header: protein binding Chain: A: PDB Molecule: inad-like protein; PDBTitle: solution structure of the first pdz domain of inad-like2 protein
93	c3qglD_	Alignment	not modelled	99.3	23	PDB header: protein binding Chain: D: PDB Molecule: sorting nexin-27; PDBTitle: crystal structure of pdz domain of sorting nexin 27 (snx27) in complex2 with the eseskv peptide corresponding to the c-terminal tail of girk3
94	d2f0aa1	Alignment	not modelled	99.3	24	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
95	c2o2tB_	Alignment	not modelled	99.3	28	PDB header: structural protein Chain: B: PDB Molecule: multiple pdz domain protein; PDBTitle: the crystal structure of the 1st pdz domain of mpdz
96	d1ujda_	Alignment	not modelled	99.3	15	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
97	d1ry4a_	Alignment	not modelled	99.3	20	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
98	c2vwrA_	Alignment	not modelled	99.3	21	PDB header: protein-binding Chain: A: PDB Molecule: ligand of numb protein x 2; PDBTitle: crystal structure of the second pdz domain of numb-binding2 protein 2
99	d1ihja_	Alignment	not modelled	99.3	21	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
100	c2djtA_	Alignment	not modelled	99.2	19	PDB header: signaling protein Chain: A: PDB Molecule: unnamed protein product; PDBTitle: solution structures of the pdz domain of human unnamed2 protein product
101	d1wf8a1	Alignment	not modelled	99.2	17	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
102	c2ogpA_	Alignment	not modelled	99.2	26	PDB header: signaling protein Chain: A: PDB Molecule: partitioning-defective 3 homolog; PDBTitle: solution structure of the second pdz domain of par-3
103	c2q3gA_	Alignment	not modelled	99.2	17	PDB header: structural genomics Chain: A: PDB Molecule: pdz and lim domain protein 7; PDBTitle: structure of the pdz domain of human pdlim7 bound to a c-2 terminal extension from human beta-tropomyosin
104	d2hgaa1	Alignment	not modelled	99.2	26	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: MTH1368 C-terminal domain-like
105	d1whaa_	Alignment	not modelled	99.2	22	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
106	c2komA_	Alignment	not modelled	99.2	24	PDB header: signaling protein Chain: A: PDB Molecule: partitioning defective 3 homolog; PDBTitle: solution structure of humar par-3b pdz2 (residues 451-549)
						Fold: PDZ domain-like

107	d1q3oa_	Alignment	not modelled	99.2	21	Superfamily: PDZ domain-like Family: PDZ domain
108	c2gzvA_	Alignment	not modelled	99.2	24	PDB header: signaling protein Chain: A: PDB Molecule: prkca-binding protein; PDBTitle: the crystal structure of the pdz domain of human pick1 (casp target)
109	c3k1rA_	Alignment	not modelled	99.2	16	PDB header: structural protein Chain: A: PDB Molecule: harmonin; PDBTitle: structure of harmonin npdz1 in complex with the sam-pbm of 2 sans
110	d1rzxa_	Alignment	not modelled	99.2	18	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
111	d2f5ya1	Alignment	not modelled	99.2	28	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
112	c2k1zA_	Alignment	not modelled	99.2	22	PDB header: signaling protein Chain: A: PDB Molecule: partitioning-defective 3 homolog; PDBTitle: solution structure of par-3 pdz3
113	c2fneB_	Alignment	not modelled	99.2	22	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: multiple pdz domain protein; PDBTitle: the crystal structure of the 13th pdz domain of mpdz
114	c2v1wB_	Alignment	not modelled	99.2	16	PDB header: structural protein Chain: B: PDB Molecule: pdz and lim domain protein 4; PDBTitle: crystal structure of human lim protein ril (pdlim4) pdz2 domain bound to the c-terminal peptide of human alpha-3 actinin-1
115	c2iwoA_	Alignment	not modelled	99.2	18	PDB header: signaling protein Chain: A: PDB Molecule: multiple pdz domain protein; PDBTitle: 12th pdz domain of multiple pdz domain protein mpdz (casp2 target)
116	c2dm8A_	Alignment	not modelled	99.2	20	PDB header: protein binding Chain: A: PDB Molecule: inad-like protein; PDBTitle: solution structure of the eighth pdz domain of human inad-2 like protein
117	c2dazA_	Alignment	not modelled	99.2	19	PDB header: protein binding Chain: A: PDB Molecule: inad-like protein; PDBTitle: solution structure of the 7th pdz domain of inad-like2 protein
118	c2jreA_	Alignment	not modelled	99.2	23	PDB header: de novo protein Chain: A: PDB Molecule: c60-1 pdz domain peptide; PDBTitle: c60-1, a pdz domain designed using statistical coupling2 analysis
119	d1nf3c_	Alignment	not modelled	99.2	17	Fold: PDZ domain-like Superfamily: PDZ domain-like Family: PDZ domain
120	c2iwqA_	Alignment	not modelled	99.2	15	PDB header: signaling protein Chain: A: PDB Molecule: multiple pdz domain protein; PDBTitle: 7th pdz domain of multiple pdz domain protein mpdz