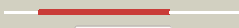









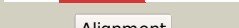

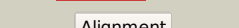

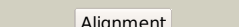

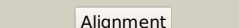

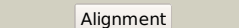



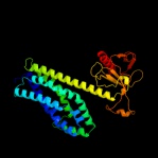





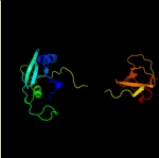
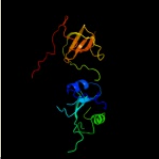
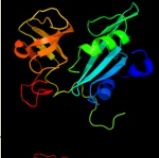
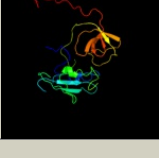

Phyre2

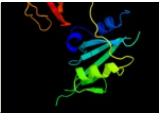
Email	l.a.kelley@imperial.ac.uk
Description	Q45FX5
Date	Fri May 3 21:26:37 BST 2013
Unique Job ID	649ae2cb7321d2e3

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3ky9B_	 Alignment		100.0	34	PDB header: apoptosis Chain: B; PDB Molecule: proto-oncogene vav; PDBTitle: autoinhibited vav1
2	c2vrwB_	 Alignment		100.0	32	PDB header: signaling protein Chain: B; PDB Molecule: proto-oncogene vav; PDBTitle: critical structural role for the ph and c1 domains of the2 vav1 exchange factor
3	c3bjjA_	 Alignment		100.0	31	PDB header: signaling protein Chain: A; PDB Molecule: proto-oncogene vav; PDBTitle: structural basis of promiscuous guanine nucleotide exchange2 by the t-cell essential vav1
4	c2dx1A_	 Alignment		100.0	22	PDB header: signaling protein Chain: A; PDB Molecule: rho guanine nucleotide exchange factor 4; PDBTitle: crystal structure of rhogef protein asef
5	c3ksyA_	 Alignment		100.0	21	PDB header: signaling protein Chain: A; PDB Molecule: son of sevenless homolog 1; PDBTitle: crystal structure of the histone domain, dh-ph unit, and2 catalytic unit of the ras activator son of sevenless (sos)
6	c1xdvB_	 Alignment		100.0	22	PDB header: signaling protein Chain: B; PDB Molecule: son of sevenless protein homolog 1; PDBTitle: experimentally phased structure of human the son of2 sevenless protein at 4.1 ang.
7	c1xcgA_	 Alignment		100.0	18	PDB header: signaling protein activator/signaling pr Chain: A; PDB Molecule: rho guanine nucleotide exchange factor 11; PDBTitle: crystal structure of human rhoa in complex with dh/ph2 fragment of pdzrhogef
8	c3odoA_	 Alignment		100.0	17	PDB header: signaling protein Chain: A; PDB Molecule: rho guanine nucleotide exchange factor 1; PDBTitle: crystal structure of the dh/ph domains of p115-rhogef
9	c1foeA_	 Alignment		100.0	20	PDB header: signaling protein, immune system/signali Chain: A; PDB Molecule: t-lymphoma invasion and metastasis inducing PDBTitle: crystal structure of rac1 in complex with the guanine2 nucleotide exchange region of tiam1
10	c4gzuB_	 Alignment		100.0	18	PDB header: signaling protein Chain: B; PDB Molecule: ferm, rhogef and pleckstrin domain-containing protein 2; PDBTitle: crystal strucure of the dh-ph-ph domain of farp2
11	c3t06E_	 Alignment		100.0	18	PDB header: signaling protein Chain: E; PDB Molecule: rho guanine nucleotide exchange factor 11; PDBTitle: crystal structure of the dh/ph fragment of pdzrhogef with n-terminal2 regulatory elements in complex with human rhoa

12	c4gouA	Alignment		100.0	15	PDB header: signaling protein Chain: A: PDB Molecule: ehrgs-rhogef; PDBTitle: crystal structure of an rgs-rhogef from entamoeba histolytica
13	c1x86A	Alignment		100.0	19	PDB header: signaling protein/membrane protein Chain: A: PDB Molecule: rho guanine nucleotide exchange factor 12; PDBTitle: crystal structure of the dh/ph domains of leukemia-associated rhogef2 in complex with rhoa
14	c2dfkA	Alignment		100.0	24	PDB header: cell cycle Chain: A: PDB Molecule: collybistin ii; PDBTitle: crystal structure of the cdc42-collybistin ii complex
15	c4h6yA	Alignment		100.0	18	PDB header: signaling protein Chain: A: PDB Molecule: ferm, rhogef and pleckstrin domain-containing protein 1; PDBTitle: crystal structure of the dh-ph-ph domain of farp1
16	c1ki1B	Alignment		100.0	20	PDB header: signaling protein Chain: B: PDB Molecule: intersectin long form; PDBTitle: guanine nucleotide exchange region of intersectin in2 complex with cdc42
17	c2rgnB	Alignment		100.0	27	PDB header: signaling protein complex Chain: B: PDB Molecule: rhoa/rac/cdc42 exchange factor; PDBTitle: crystal structure of p63rhogef complex with galpha-q and rhoa
18	c2z0qA	Alignment		100.0	23	PDB header: signaling protein Chain: A: PDB Molecule: rho guanine nucleotide exchange factor 3; PDBTitle: crystal structure of dh-ph domain of rhogef3(xpln)
19	c30dxA	Alignment		100.0	17	PDB header: signaling protein Chain: A: PDB Molecule: rho guanine nucleotide exchange factor 1; PDBTitle: crystal structure of an n-terminally truncated linker-dh/ph domains of f2 p115-rhogef
20	c3mpxA	Alignment		100.0	19	PDB header: lipid binding protein Chain: A: PDB Molecule: fyve, rhogef and ph domain-containing protein 5; PDBTitle: crystal structure of the dh and ph-1 domains of human fgd5
21	c30dwB	Alignment	not modelled	100.0	16	PDB header: signaling protein Chain: B: PDB Molecule: rho guanine nucleotide exchange factor 1; PDBTitle: crystal structure of the linker-dh/ph domains of p115-rhogef
22	c1dbhA	Alignment	not modelled	100.0	20	PDB header: gene regulation Chain: A: PDB Molecule: protein (human sos 1); PDBTitle: dbl and pleckstrin homology domains from hsos1
23	c1lb1C	Alignment	not modelled	100.0	24	PDB header: signaling protein Chain: C: PDB Molecule: guanine nucleotide exchange factor dbs; PDBTitle: crystal structure of the dbl and pleckstrin homology2 domains of dbs in complex with rhoa
24	c1ntyA	Alignment	not modelled	100.0	24	PDB header: signaling protein Chain: A: PDB Molecule: triple functional domain protein; PDBTitle: crystal structure of the first dh/ph domain of trio to 1.7 a
25	c3jv3A	Alignment	not modelled	100.0	22	PDB header: protein binding Chain: A: PDB Molecule: intersectin-1; PDBTitle: structure of sh3e-dh unit of murine intersectin-11
26	d1xcga1	Alignment	not modelled	100.0	19	Fold: DBL homology domain (DH-domain) Superfamily: DBL homology domain (DH-domain) Family: DBL homology domain (DH-domain)
27	c4gyvA	Alignment	not modelled	100.0	21	PDB header: signaling protein Chain: A: PDB Molecule: ferm, rhogef and pleckstrin domain-containing protein 2; PDBTitle: crystal structure of the dh domain of farp2
28	d1dbha1	Alignment	not modelled	100.0	20	Fold: DBL homology domain (DH-domain) Superfamily: DBL homology domain (DH-domain) Family: DBL homology domain (DH-domain)
						Fold: DBL homology domain (DH-domain)

29	d1txda1	Alignment	not modelled	100.0	24	Superfamily: DBL homology domain (DH-domain) Family: DBL homology domain (DH-domain)
30	d1ki1b1	Alignment	not modelled	100.0	25	Fold: DBL homology domain (DH-domain) Superfamily: DBL homology domain (DH-domain) Family: DBL homology domain (DH-domain)
31	d2dfka1	Alignment	not modelled	100.0	27	Fold: DBL homology domain (DH-domain) Superfamily: DBL homology domain (DH-domain) Family: DBL homology domain (DH-domain)
32	d1foea1	Alignment	not modelled	100.0	27	Fold: DBL homology domain (DH-domain) Superfamily: DBL homology domain (DH-domain) Family: DBL homology domain (DH-domain)
33	d1f5xa_	Alignment	not modelled	100.0	36	Fold: DBL homology domain (DH-domain) Superfamily: DBL homology domain (DH-domain) Family: DBL homology domain (DH-domain)
34	c3eo2A_	Alignment	not modelled	100.0	30	PDB header: splicing Chain: A: PDB Molecule: neuroepithelial cell-transforming gene 1 protein; PDBTitle: crystal structure of the rhogef domain of human neuroepithelial cell-2 transforming gene 1 protein
35	c2d86A_	Alignment	not modelled	100.0	40	PDB header: signaling protein, protein binding Chain: A: PDB Molecule: vav-3 protein; PDBTitle: solution structure of the ch domain from human vav-3 protein
36	d1ntya1	Alignment	not modelled	100.0	30	Fold: DBL homology domain (DH-domain) Superfamily: DBL homology domain (DH-domain) Family: DBL homology domain (DH-domain)
37	d1by1a_	Alignment	not modelled	100.0	26	Fold: DBL homology domain (DH-domain) Superfamily: DBL homology domain (DH-domain) Family: DBL homology domain (DH-domain)
38	d1kz7a1	Alignment	not modelled	100.0	27	Fold: DBL homology domain (DH-domain) Superfamily: DBL homology domain (DH-domain) Family: DBL homology domain (DH-domain)
39	c3gf9A_	Alignment	not modelled	100.0	28	PDB header: endocytosis Chain: A: PDB Molecule: intersectin 2; PDBTitle: crystal structure of human intersectin 2 rhogef domain
40	d1ujoa_	Alignment	not modelled	99.9	21	Fold: CH domain-like Superfamily: Calponin-homology domain, CH-domain Family: Calponin-homology domain, CH-domain
41	c1griA_	Alignment		99.9	27	PDB header: signal transduction adaptor Chain: A: PDB Molecule: growth factor bound protein 2; PDBTitle: grb2
42	c2l3gA_	Alignment	not modelled	99.9	32	PDB header: signaling protein Chain: A: PDB Molecule: rho guanine nucleotide exchange factor 7; PDBTitle: solution nmr structure of ch domain of rho guanine nucleotide exchange2 factor 7 from homo sapiens, northeast structural genomics consortium3 target hr4495e
43	c1wymA_	Alignment	not modelled	99.9	20	PDB header: structural protein Chain: A: PDB Molecule: transgelin-2; PDBTitle: solution structure of the ch domain of human transgelin-2
44	c2eyyA_	Alignment		99.9	27	PDB header: signaling protein Chain: A: PDB Molecule: zv-crk sarcoma virus ct10 oncogene homolog PDBTitle: ct10-regulated kinase isoform i
45	c1wyrA_	Alignment	not modelled	99.9	32	PDB header: structural protein Chain: A: PDB Molecule: rho guanine nucleotide exchange factor 6; PDBTitle: solution structure of the ch domain of human rho guanine2 nucleotide exchange factor 6
46	c2dviA_	Alignment		99.9	29	PDB header: signaling protein Chain: A: PDB Molecule: zv-crk sarcoma virus ct10 oncogene homolog, PDBTitle: phosphorylated crk-ii
47	c2lqnA_	Alignment		99.9	23	PDB header: signaling protein Chain: A: PDB Molecule: crk-like protein; PDBTitle: solution structure of crkl
48	c2eyzA_	Alignment		99.8	28	PDB header: signaling protein Chain: A: PDB Molecule: zv-crk sarcoma virus ct10 oncogene homolog PDBTitle: ct10-regulated kinase isoform ii
49	c1wypA_	Alignment	not modelled	99.8	25	PDB header: structural protein Chain: A: PDB Molecule: calponin 1; PDBTitle: solution structure of the ch domain of human calponin 1
						

50	c3qwxX	Alignment		99.8	22	PDB header: signaling protein Chain: X: PDB Molecule: cell death abnormality protein 2; PDBTitle: ced-2 1-174
51	c3qwyA	Alignment	not modelled	99.8	22	PDB header: signaling protein Chain: A: PDB Molecule: cell death abnormality protein 2; PDBTitle: ced-2
52	c1wynA	Alignment	not modelled	99.8	23	PDB header: structural protein Chain: A: PDB Molecule: calponin-2; PDBTitle: solution structure of the ch domain of human calponin-2
53	c1mv3A	Alignment	not modelled	99.8	14	PDB header: endocytosis/exocytosis Chain: A: PDB Molecule: myc box dependent interacting protein 1; PDBTitle: nmr structure of the tumor suppressor bin1: alternative2 splicing in melanoma and interaction with c-myc
54	c2l3sA	Alignment	not modelled	99.8	21	PDB header: structural protein Chain: A: PDB Molecule: autoinhibited crk protein; PDBTitle: structure of the autoinhibited crk
55	d1p2xa	Alignment	not modelled	99.8	23	Fold: CH domain-like Superfamily: Calponin-homology domain, CH-domain Family: Calponin-homology domain, CH-domain
56	c1p5sA	Alignment	not modelled	99.8	23	PDB header: cytokine Chain: A: PDB Molecule: ras gtpase-activating-like protein rng2; PDBTitle: structure and function of the calponin-homology domain of2 an iqgap protein from schizosaccharomyces pombe
57	c2rr8A	Alignment	not modelled	99.8	17	PDB header: protein binding Chain: A: PDB Molecule: iqgap1 protein; PDBTitle: solution structure of calponin homology domain of iqgap1
58	d1h67a	Alignment	not modelled	99.8	25	Fold: CH domain-like Superfamily: Calponin-homology domain, CH-domain Family: Calponin-homology domain, CH-domain
59	c3i6xC	Alignment	not modelled	99.8	18	PDB header: calmodulin-binding, membrane protein Chain: C: PDB Molecule: ras gtpase-activating-like protein iqgap1; PDBTitle: crystal structure of the calponin homology domain of iqgap1
60	c1ng2A	Alignment	not modelled	99.8	17	PDB header: oxidoreductase activator Chain: A: PDB Molecule: neutrophil cytosolic factor 1; PDBTitle: structure of autoinhibited p47phox
61	c1ov3A	Alignment	not modelled	99.7	26	PDB header: oxidoreductase activator Chain: A: PDB Molecule: neutrophil cytosol factor 1; PDBTitle: structure of the p22phox-p47phox complex
62	c2lg1A	Alignment	not modelled	99.7	14	PDB header: metal binding protein Chain: A: PDB Molecule: a-kinase anchor protein 13; PDBTitle: solution structure of the human akap13 ph domain and stabilizing dh2 helix
63	d1ng2a2	Alignment	not modelled	99.7	14	Fold: SH3-like barrel Superfamily: SH3-domain Family: SH3-domain
64	c2dipA	Alignment	not modelled	99.6	28	PDB header: structural protein Chain: A: PDB Molecule: kiaa1783 protein; PDBTitle: solution structure of the sh3 domain of human kiaa17832 protein
65	c1x2qA	Alignment	not modelled	99.6	25	PDB header: signaling protein Chain: A: PDB Molecule: signal transducing adapter molecule 2; PDBTitle: solution structure of the sh3 domain of the signal2 transducing adaptor molecule 2
66	c2cubA	Alignment	not modelled	99.6	23	PDB header: signaling protein Chain: A: PDB Molecule: cytoplasmic protein nck1; PDBTitle: solution structure of the sh3 domain of the human2 cytoplasmic protein nck1
67	c2yuaA	Alignment	not modelled	99.6	25	PDB header: protein transport Chain: A: PDB Molecule: nostrin; PDBTitle: solution structure of the sh3 domain of human nostrin
68	d1ug1a	Alignment	not modelled	99.6	21	Fold: SH3-like barrel Superfamily: SH3-domain Family: SH3-domain
69	c2e5kA	Alignment	not modelled	99.6	19	PDB header: protein binding Chain: A: PDB Molecule: suppressor of t-cell receptor signaling 1; PDBTitle: solution structure of sh3 domain in suppressor of t-cell2 receptor signaling 1
70	c2dbkA	Alignment	not modelled	99.6	24	PDB header: signaling protein Chain: A: PDB Molecule: crk-like protein; PDBTitle: solution structures of the sh3 domain of human crk-like2 protein
71	c2yuoA	Alignment	not modelled	99.6	23	PDB header: signaling protein Chain: A: PDB Molecule: run and tbc1 domain containing 3; PDBTitle: solution structure of the sh3 domain of mouse run and tbc12 domain containing 3
72	c2csqA	Alignment	not modelled	99.6	23	PDB header: endocytosis/exocytosis Chain: A: PDB Molecule: rim binding protein 2; PDBTitle: solution structure of the second sh3 domain of human rim-2 binding protein 2
73	d1ov3a2	Alignment	not modelled	99.6	25	Fold: SH3-like barrel Superfamily: SH3-domain Family: SH3-domain
74	c2ekhA	Alignment	not modelled	99.6	20	PDB header: signaling protein Chain: A: PDB Molecule: sh3 and px domain-containing protein 2a; PDBTitle: solution structures of the sh3 domain of human kiaa0418
75	c3nmzD	Alignment	not modelled	99.6	23	PDB header: cell adhesion/cell cycle Chain: D: PDB Molecule: rho guanine nucleotide exchange factor 4; PDBTitle: crytal structure of apc complexed with asef
						PDB header: protein binding Chain: A: PDB Molecule: engulfment and cell motility protein 1,

76	c2rqra_	Alignment	not modelled	99.6	12	linker, dedicator PDBTitle: the solution structure of human dock2 sh3 domain - elmo1 peptide2 chimera complex
77	d1ue9a_	Alignment	not modelled	99.6	28	Fold: SH3-like barrel Superfamily: SH3-domain Family: SH3-domain
78	c2dmoA_	Alignment	not modelled	99.6	23	PDB header: signaling protein Chain: A: PDB Molecule: neutrophil cytosol factor 2; PDBTitle: refined solution structure of the 1st sh3 domain from human2 neutrophil cytosol factor 2 (ncf-2)
79	c2yupA_	Alignment	not modelled	99.5	20	PDB header: cell adhesion Chain: A: PDB Molecule: vinexin; PDBTitle: solution structure of the second sh3 domain of human vinexin
80	c2ebpA_	Alignment	not modelled	99.5	25	PDB header: cell adhesion Chain: A: PDB Molecule: sam and sh3 domain-containing protein 1; PDBTitle: solution structure of the sh3 domain from human sam and sh32 domain containing protein 1
81	c2ed0A_	Alignment	not modelled	99.5	22	PDB header: signaling protein Chain: A: PDB Molecule: abl interactor 2; PDBTitle: solution structure of the sh3 domain of abl interactor 22 (abelson interactor 2)
82	c2eyxA_	Alignment	not modelled	99.5	22	PDB header: signaling protein Chain: A: PDB Molecule: v-crk sarcoma virus ct10 oncogene homolog PDBTitle: c-terminal sh3 domain of ct10-regulated kinase
83	c1x43A_	Alignment	not modelled	99.5	20	PDB header: endocytosis/exocytosis Chain: A: PDB Molecule: sh3 domain grb2-like protein b1; PDBTitle: solution structure of the sh3 domain of endophilin b12 (sh3g1b1)
84	c2dl4A_	Alignment	not modelled	99.5	28	PDB header: signaling protein Chain: A: PDB Molecule: protein stac; PDBTitle: solution structure of the first sh3 domain of stac protein
85	c2dnuA_	Alignment	not modelled	99.5	23	PDB header: structural genomics, structural protein Chain: A: PDB Molecule: sh3 multiple domains 1; PDBTitle: solution structure of rsgi ruh-061, a sh3 domain from human
86	c2djqa_	Alignment	not modelled	99.5	30	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: sh3 domain containing ring finger 2; PDBTitle: the solution structure of the first sh3 domain of mouse sh32 domain containing ring finger 2
87	c2kymA_	Alignment	not modelled	99.5	18	PDB header: signaling protein Chain: A: PDB Molecule: bud emergence protein 1; PDBTitle: solution structure of the bem1p sh3-ci domain from <i>I.elongisporus</i> in2 complex with ste20p peptide
88	c2d8hA_	Alignment	not modelled	99.5	19	PDB header: unknown function Chain: A: PDB Molecule: sh3yl1 protein; PDBTitle: solution structure of the sh3 domain of hypothetical2 protein sh3yl1
89	d1oeba_	Alignment	not modelled	99.5	37	Fold: SH3-like barrel Superfamily: SH3-domain Family: SH3-domain
90	d1uffa_	Alignment	not modelled	99.5	19	Fold: SH3-like barrel Superfamily: SH3-domain Family: SH3-domain
91	c1wx6A_	Alignment	not modelled	99.5	17	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: cytoplasmic protein nck2; PDBTitle: solution structure of the sh3 domain of the human2 cytoplasmic protein nck2
92	d1udla_	Alignment	not modelled	99.5	20	Fold: SH3-like barrel Superfamily: SH3-domain Family: SH3-domain
93	d1sema_	Alignment	not modelled	99.5	38	Fold: SH3-like barrel Superfamily: SH3-domain Family: SH3-domain
94	c2ysqa_	Alignment	not modelled	99.5	23	PDB header: signaling protein Chain: A: PDB Molecule: rho guanine nucleotide exchange factor 9; PDBTitle: solution structure of the sh3 domain from rho guanine2 nucleotide exchange factor 9
95	d1wiea_	Alignment	not modelled	99.5	13	Fold: SH3-like barrel Superfamily: SH3-domain Family: SH3-domain
96	c2yt6A_	Alignment	not modelled	99.5	18	PDB header: cell cycle Chain: A: PDB Molecule: adult male urinary bladder cdna, riken full- PDBTitle: solution structure of the sh3_1 domain of yamaguchi sarcoma2 viral (v-yes) oncogene homolog 1
97	c2df6A_	Alignment	not modelled	99.5	31	PDB header: signaling protein Chain: A: PDB Molecule: rho guanine nucleotide exchange factor 7; PDBTitle: crystal structure of the sh3 domain of betapix in complex2 with a high affinity peptide from pak2
98	c2fpeB_	Alignment	not modelled	99.5	15	PDB header: signaling protein Chain: B: PDB Molecule: c-jun-amino-terminal kinase interacting protein PDBTitle: conserved dimerization of the ib1 src-homology 3 domain
99	c1zx6A_	Alignment	not modelled	99.5	34	PDB header: protein binding Chain: A: PDB Molecule: ypr154wp; PDBTitle: high-resolution crystal structure of yeast pin3 sh3 domain
100	c4igzA_	Alignment	not modelled	99.5	27	PDB header: protein binding Chain: A: PDB Molecule: sorbin and sh3 domain-containing protein 2; PDBTitle: crystal structure of the sh3 domain of human sorbin and sh3 domain-2 containing protein 2
101	c2rf0D_	Alignment	not modelled	99.5	33	PDB header: transferase Chain: D: PDB Molecule: mitogen-activated protein kinase kinase 10; PDBTitle: crystal structure of human mixed lineage kinase map3k10 sh3 domain

102	c2dilA_		Alignment	not modelled	99.5	25	PDB header: cell adhesion Chain: A: PDB Molecule: proline-serine-threonine phosphatase-interacting PDBTitle: solution structure of the sh3 domain of the human proline-2 serine-threonine phosphatase-interacting protein 1
103	c2dl8A_		Alignment	not modelled	99.5	26	PDB header: signaling protein Chain: A: PDB Molecule: slit-robo rho gtpase-activating protein 2; PDBTitle: solution structure of the sh3 domain of human slit-robo rho2 gtpase-activating protein 2
104	d1uuea_		Alignment	not modelled	99.5	33	Fold: SH3-like barrel Superfamily: SH3-domain Family: SH3-domain
105	c2i0nA_		Alignment	not modelled	99.5	24	PDB header: structural protein Chain: A: PDB Molecule: class vii unconventional myosin; PDBTitle: structure of dictyostelium discoideum myosin vii sh3 domain2 with adjacent proline rich region
106	c2dl3A_		Alignment	not modelled	99.5	23	PDB header: cell adhesion, signaling protein Chain: A: PDB Molecule: sorbin and sh3 domain-containing protein 1; PDBTitle: solution structure of the first sh3 domain of human sorbin2 and sh3 domain-containing protein 1
107	d1nega_		Alignment	not modelled	99.5	30	Fold: SH3-like barrel Superfamily: SH3-domain Family: SH3-domain
108	c1negA_		Alignment	not modelled	99.5	30	PDB header: structural protein Chain: A: PDB Molecule: spectrin alpha chain, brain; PDBTitle: crystal structure analysis of n-and c-terminal labeled sh3-2 domain of alpha-chicken spectrin
109	c2nwmA_		Alignment	not modelled	99.5	27	PDB header: cell adhesion Chain: A: PDB Molecule: vinexin; PDBTitle: solution structure of the first sh3 domain of human vinexin2 and its interaction with the peptides from vinculin
110	c2oi3A_		Alignment	not modelled	99.5	24	PDB header: transferase Chain: A: PDB Molecule: tyrosine-protein kinase hck; PDBTitle: nmr structure analysis of the hematopoetic cell kinase sh32 domain complexed with an artificial high affinity ligand3 (pd1)
111	c2ct3A_		Alignment	not modelled	99.5	27	PDB header: signaling protein Chain: A: PDB Molecule: vinexin; PDBTitle: solution structure of the sh3 domain of the vinexin protein
112	c1zlmA_		Alignment	not modelled	99.5	30	PDB header: signaling protein Chain: A: PDB Molecule: osteoclast stimulating factor 1; PDBTitle: crystal structure of the sh3 domain of human osteoclast2 stimulating factor
113	c2cudA_		Alignment	not modelled	99.5	17	PDB header: signaling protein Chain: A: PDB Molecule: src-like-adapter; PDBTitle: solution structure of the sh3 domain of the human src-like2 adopter protein (slap)
114	d1wlpb2		Alignment	not modelled	99.5	26	Fold: SH3-like barrel Superfamily: SH3-domain Family: SH3-domain
115	d1gcqc_		Alignment	not modelled	99.5	34	Fold: SH3-like barrel Superfamily: SH3-domain Family: SH3-domain
116	c1wyxA_		Alignment	not modelled	99.5	22	PDB header: cell adhesion Chain: A: PDB Molecule: crk-associated substrate; PDBTitle: the crystal structure of the p130cas sh3 domain at 1.1 a2 resolution
117	c2k6dA_		Alignment	not modelled	99.5	34	PDB header: sh3 domain/ubiquitin Chain: A: PDB Molecule: sh3 domain-containing kinase-binding protein 1; PDBTitle: cin85 sh3-c domain in complex with ubiquitin
118	c2eqiA_		Alignment	not modelled	99.5	23	PDB header: immune system, hydrolase Chain: A: PDB Molecule: phospholipase c, gamma 2; PDBTitle: solution structure of the sh3 domain from phospholipase c,2 gamma 2
119	d1pwta_		Alignment	not modelled	99.5	33	Fold: SH3-like barrel Superfamily: SH3-domain Family: SH3-domain
120	c3rnjA_		Alignment	not modelled	99.5	34	PDB header: protein binding Chain: A: PDB Molecule: brain-specific angiogenesis inhibitor 1-associated protein PDBTitle: crystal structure of the sh3 domain from irsp53 (baiap2)