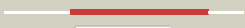




















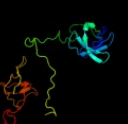
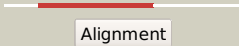
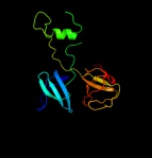
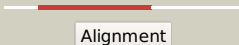
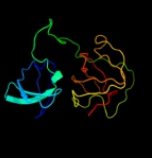
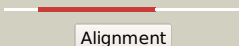
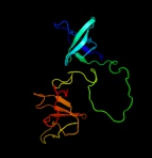


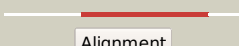


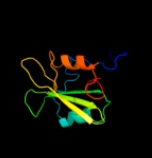
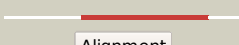




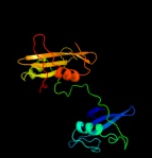









#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2fo0A_	 Alignment		100.0	40	PDB header: transferase Chain: A: PDB Molecule: proto-oncogene tyrosine-protein kinase abl1 (1b isoform); PDBTitle: organization of the sh3-sh2 unit in active and inactive forms of the2 c-abl tyrosine kinase
2	c1k9aB_	 Alignment		100.0	32	PDB header: transferase Chain: B: PDB Molecule: carboxyl-terminal src kinase; PDBTitle: crystal structure analysis of full-length carboxyl-terminal2 src kinase at 2.5 a resolution
3	c2ablA_	 Alignment		100.0	41	PDB header: transferase Chain: A: PDB Molecule: abl tyrosine kinase; PDBTitle: sh3-sh2 domain fragment of human bcr-abl tyrosine kinase
4	c1oplA_	 Alignment		100.0	42	PDB header: transferase Chain: A: PDB Molecule: proto-oncogene tyrosine-protein kinase; PDBTitle: structural basis for the auto-inhibition of c-abl tyrosine2 kinase
5	c1y57A_	 Alignment		100.0	40	PDB header: transferase Chain: A: PDB Molecule: proto-oncogene tyrosine-protein kinase src; PDBTitle: structure of unphosphorylated c-src in complex with an inhibitor
6	c3nhnA_	 Alignment		100.0	38	PDB header: transferase Chain: A: PDB Molecule: tyrosine-protein kinase hck; PDBTitle: crystal structure of the src-family kinase hck sh3-sh2-linker2 regulatory region
7	c1x27F_	 Alignment		100.0	37	PDB header: signaling protein Chain: F: PDB Molecule: proto-oncogene tyrosine-protein kinase lck; PDBTitle: crystal structure of lck sh2-sh3 with sh2 binding site of2 p130cas
8	c2h8hA_	 Alignment		100.0	40	PDB header: transferase Chain: A: PDB Molecule: proto-oncogene tyrosine-protein kinase src; PDBTitle: src kinase in complex with a quinazoline inhibitor
9	c2c0iA_	 Alignment		100.0	41	PDB header: transferase Chain: A: PDB Molecule: tyrosine-protein kinase hck; PDBTitle: src family kinase hck with bound inhibitor a-420983
10	c1g83A_	 Alignment		100.0	37	PDB header: transferase Chain: A: PDB Molecule: proto-oncogene tyrosine-protein kinase fyn; PDBTitle: crystal structure of fyn sh3-sh2
11	c2lqnA_	 Alignment		100.0	18	PDB header: signaling protein Chain: A: PDB Molecule: crk-like protein; PDBTitle: solution structure of crkl

12	c1griA_		Alignment		100.0	27	PDB header: signal transduction adaptor Chain: A: PDB Molecule: growth factor bound protein 2; PDBTitle: grb2
13	c2l3sA_		Alignment		100.0	18	PDB header: structural protein Chain: A: PDB Molecule: autoinhibited crk protein; PDBTitle: structure of the autoinhibited crk
14	c2eyzA_		Alignment		100.0	18	PDB header: signaling protein Chain: A: PDB Molecule: v-crk sarcoma virus ct10 oncogene homolog PDBTitle: ct10-regulated kinase isoform ii
15	c1ng2A_		Alignment		100.0	26	PDB header: oxidoreductase activator Chain: A: PDB Molecule: neutrophil cytosolic factor 1; PDBTitle: structure of autoinhibited p47phox
16	c2b3oA_		Alignment		100.0	23	PDB header: hydrolase Chain: A: PDB Molecule: tyrosine-protein phosphatase, non-receptor type PDBTitle: crystal structure of human tyrosine phosphatase shp-1
17	c2eo3A_		Alignment		100.0	38	PDB header: signaling protein Chain: A: PDB Molecule: crk-like protein; PDBTitle: solution structure of the sh2 domain from human crk-like2 protein
18	c3ps5A_		Alignment		100.0	22	PDB header: hydrolase, signaling protein Chain: A: PDB Molecule: tyrosine-protein phosphatase non-receptor type 6; PDBTitle: crystal structure of the full-length human protein tyrosine2 phosphatase shp-1
19	c1ov3A_		Alignment		100.0	28	PDB header: oxidoreductase activator Chain: A: PDB Molecule: neutrophil cytosol factor 1; PDBTitle: structure of the p22phox-p47phox complex
20	c2shpA_		Alignment		100.0	23	PDB header: tyrosine phosphatase Chain: A: PDB Molecule: shp-2; PDBTitle: tyrosine phosphatase shp-2
21	c2eo6A_		Alignment	not modelled	100.0	21	PDB header: signaling protein Chain: A: PDB Molecule: b-cell linker protein; PDBTitle: solution structure of the sh2 domain from mouse b-cell2 linker protein blnk
22	c3hizB_		Alignment	not modelled	99.9	34	PDB header: transferase/oncoprotein Chain: B: PDB Molecule: phosphatidylinositol 3-kinase regulatory subunit PDBTitle: crystal structure of p110alpha h1047r mutant in complex with2 nish2 of p85alpha
23	c2hdxB_		Alignment	not modelled	99.9	27	PDB header: signaling protein Chain: B: PDB Molecule: sh2-b ph domain containing signaling mediator 1 PDBTitle: crystal structure of the src homology-2 domain of sh2-b in2 complex with jak2 tyr813 phosphopeptide
24	c2kk6A_		Alignment	not modelled	99.9	31	PDB header: transferase Chain: A: PDB Molecule: proto-oncogene tyrosine-protein kinase fer; PDBTitle: solution structure of sh2 domain of proto-oncogene tyrosine-2 protein kinase fer from homo sapiens, northeast structural3 genomics consortium (nesg) target hr3461d
25	c2ci8A_		Alignment	not modelled	99.9	48	PDB header: translation Chain: A: PDB Molecule: cytoplasmic protein nck1; PDBTitle: sh2 domain of human nck1 adaptor protein - uncomplexed
26	d3c7ia1		Alignment	not modelled	99.9	32	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
27	c2crhA_		Alignment	not modelled	99.9	22	PDB header: signaling protein Chain: A: PDB Molecule: vav proto-oncogene; PDBTitle: solution structure of the sh2 domain of human proto-2 oncogene protein vav1
							PDB header: transferase

28	c2dcrA	Alignment	not modelled	99.9	28	Chain: A: PDB Molecule: proto-oncogene tyrosine-protein kinase fes/fps; PDBTitle: fully automated solution structure determination of the fes2 sh2 domain
29	c2gsbA	Alignment	not modelled	99.9	33	PDB header: signaling protein Chain: A: PDB Molecule: ras gtpase-activating protein 1; PDBTitle: solution structure of the second sh2 domain of human ras2 gtpase-activating protein 1
30	c2vifA	Alignment	not modelled	99.9	32	PDB header: signaling protein Chain: A: PDB Molecule: suppressor of cytokine signalling 6; PDBTitle: crystal structure of socs6 sh2 domain in complex with a c-kit2 phosphopeptide
31	d2shpa2	Alignment	not modelled	99.9	31	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
32	d1fhsa	Alignment	not modelled	99.9	32	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
33	c2dlzA	Alignment	not modelled	99.9	24	PDB header: signaling protein Chain: A: PDB Molecule: protein vav-2; PDBTitle: solution structure of the sh2 domain of human protein vav-2
34	d2izva2	Alignment	not modelled	99.9	29	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
35	d2eyva1	Alignment	not modelled	99.9	37	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
36	d1mila	Alignment	not modelled	99.9	27	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
37	c2dlyA	Alignment	not modelled	99.9	33	PDB header: transferase Chain: A: PDB Molecule: fyn-related kinase; PDBTitle: solution structure of the sh2 domain of murine fyn-related2 kinase
38	c1x6cA	Alignment	not modelled	99.9	32	PDB header: signaling protein Chain: A: PDB Molecule: tyrosine-protein phosphatase, non-receptor type PDBTitle: solution structures of the sh2 domain of human protein-2 tyrosine phosphatase shp-1
39	d1jwoa	Alignment	not modelled	99.9	29	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
40	c2c9wA	Alignment	not modelled	99.9	31	PDB header: transcription regulation Chain: A: PDB Molecule: suppressor of cytokine signaling 2; PDBTitle: crystal structure of socs-2 in complex with elongin-b and2 elongin-c at 1.9a resolution
41	d2oq1a1	Alignment	not modelled	99.9	28	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
42	d1rjaa	Alignment	not modelled	99.9	31	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
43	c2y3aB	Alignment	not modelled	99.9	25	PDB header: transferase Chain: B: PDB Molecule: phosphatidylinositol 3-kinase regulatory subunit beta; PDBTitle: crystal structure of p110beta in complex with icsh2 of p85beta and2 the drug gdc-0941
44	c2eobA	Alignment	not modelled	99.9	28	PDB header: hydrolase Chain: A: PDB Molecule: 1-phosphatidylinositol-4,5-bisphosphate PDBTitle: solution structure of the second sh2 domain from rat plc2 gamma-2
45	c2oq1A	Alignment	not modelled	99.9	27	PDB header: transferase Chain: A: PDB Molecule: tyrosine-protein kinase zap-70; PDBTitle: tandem sh2 domains of zap-70 with 19-mer zeta1 peptide
46	c2hmbA	Alignment	not modelled	99.9	22	PDB header: cytokine regulator Chain: A: PDB Molecule: suppressor of cytokine signaling 3; PDBTitle: crystal structure of socs3 in complex with gp130(ptyr757)2 phosphopeptide.
47	d1pica	Alignment	not modelled	99.9	24	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
48	d1a81e1	Alignment	not modelled	99.9	27	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
49	d1opka2	Alignment	not modelled	99.9	36	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
50	d1a81a2	Alignment	not modelled	99.9	29	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
51	c2izvA	Alignment	not modelled	99.9	27	PDB header: transcription Chain: A: PDB Molecule: suppressor of cytokine signaling 4; PDBTitle: crystal structure of socs-4 in complex with elongin-b and2 elongin-c at 2.55a resolution
52	d2oq1a2	Alignment	not modelled	99.9	23	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
53	d1nrva	Alignment	not modelled	99.9	25	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
						PDB header: signaling protein

54	c2lctA_	Alignment	not modelled	99.9	25	Chain: A: PDB Molecule: proto-oncogene vav; PDBTitle: solution structure of the vav1 sh2 domain complexed with a syk-derived2 doubly phosphorylated peptide
55	d1fu6a_	Alignment	not modelled	99.9	31	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
56	d1k9aa2	Alignment	not modelled	99.9	31	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
57	c1a81E_	Alignment	not modelled	99.9	18	PDB header: complex (transferase/peptide) Chain: E: PDB Molecule: syk kinase; PDBTitle: crystal structure of the tandem sh2 domain of the syk kinase bound to2 a dually tyrosine-phosphorylated itam
58	d1a81e2	Alignment	not modelled	99.9	27	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
59	c2augB_	Alignment	not modelled	99.9	33	PDB header: signaling protein Chain: B: PDB Molecule: growth factor receptor-bound protein 14; PDBTitle: crystal structure of the grb14 sh2 domain
60	d1r1qa_	Alignment	not modelled	99.9	38	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
61	c3gqiB_	Alignment	not modelled	99.9	25	PDB header: transferase/transferase inhibitor Chain: B: PDB Molecule: phospholipase c-gamma-1; PDBTitle: crystal structure of activated receptor tyrosine kinase in complex2 with substrates
62	c1ka6A_	Alignment	not modelled	99.9	29	PDB header: immune system Chain: A: PDB Molecule: sh2 domain protein 1a; PDBTitle: sap/sh2d1a bound to peptide n-py
63	d1ayaa_	Alignment	not modelled	99.9	31	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
64	d1blja_	Alignment	not modelled	99.9	36	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
65	d1a81a1	Alignment	not modelled	99.9	27	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
66	c2ozoA_	Alignment	not modelled	99.9	26	PDB header: transferase Chain: A: PDB Molecule: tyrosine-protein kinase zap-70; PDBTitle: autoinhibited intact human zap-70
67	d1d4ta_	Alignment	not modelled	99.9	32	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
68	d2fcia1	Alignment	not modelled	99.9	31	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
69	d1csya_	Alignment	not modelled	99.9	25	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
70	d1jyra_	Alignment	not modelled	99.9	35	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
71	d2shpa3	Alignment	not modelled	99.9	33	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
72	c2ysxA_	Alignment	not modelled	99.9	26	PDB header: signaling protein Chain: A: PDB Molecule: signaling inositol polyphosphate phosphatase PDBTitle: solution structure of the human ship sh2 domain
73	d1i3za_	Alignment	not modelled	99.9	27	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
74	d1qada_	Alignment	not modelled	99.9	26	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
75	d2cs0a1	Alignment	not modelled	99.9	33	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
76	d1lkka_	Alignment	not modelled	99.9	38	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
77	d1o48a_	Alignment	not modelled	99.9	31	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
78	c4fl2A_	Alignment	not modelled	99.9	26	PDB header: transferase Chain: A: PDB Molecule: tyrosine-protein kinase syk; PDBTitle: structural and biophysical characterization of the syk activation2 switch
79	d2qmsa1	Alignment	not modelled	99.9	27	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
80	d2c9wa2	Alignment	not modelled	99.9	27	Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
81	c2ge9A_	Alignment	not modelled	99.9	29	PDB header: transferase Chain: A: PDB Molecule: tyrosine-protein kinase btk; PDBTitle: solution structures of the sh2 domain of bruton's

					tyrosine2 kinase
82	d1qcfa2	Alignment	not modelled	99.9	34 Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
83	c2el8A	Alignment	not modelled	99.9	25 PDB header: signaling protein Chain: A: PDB Molecule: signal-transducing adaptor protein 2; PDBTitle: solution structure of the human stap2 sh2 domain
84	c2knoA	Alignment	not modelled	99.9	26 PDB header: hydrolase Chain: A: PDB Molecule: tensin-like c1 domain-containing phosphatase; PDBTitle: nmr solution structure of sh2 domain of the human tensin like c12 domain containing phosphatase (tenc1)
85	d1f2fa	Alignment	not modelled	99.9	33 Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
86	d1bkla	Alignment	not modelled	99.9	34 Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
87	d1xa6a2	Alignment	not modelled	99.9	26 Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
88	d1g83a2	Alignment	not modelled	99.9	33 Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
89	d1rpya	Alignment	not modelled	99.9	29 Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
90	c1rqgC	Alignment	not modelled	99.9	28 PDB header: transferase/signaling protein Chain: C: PDB Molecule: adaptor protein aps; PDBTitle: crystal structure of the insulin receptor kinase in complex2 with the sh2 domain of aps
91	c2ekxA	Alignment	not modelled	99.9	28 PDB header: signaling protein Chain: A: PDB Molecule: cytoplasmic tyrosine-protein kinase bmx; PDBTitle: solution structure of the human bmx sh2 domain
92	c2cr4A	Alignment	not modelled	99.9	25 PDB header: signaling protein Chain: A: PDB Molecule: sh3 domain-binding protein 2; PDBTitle: solution structure of the sh2 domain of human sh3bp2 protein
93	c3mazA	Alignment	not modelled	99.9	28 PDB header: signaling protein Chain: A: PDB Molecule: signal-transducing adaptor protein 1; PDBTitle: crystal structure of the human brdg1/stap-1 sh2 domain in complex with2 the ntal ptyr136 peptide
94	d1luia	Alignment	not modelled	99.9	30 Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
95	c2dm0A	Alignment	not modelled	99.9	28 PDB header: transferase Chain: A: PDB Molecule: tyrosine-protein kinase txk; PDBTitle: solution structure of the sh2 domain of human tyrosine-2 protein kinase txk
96	c2dvjA	Alignment	not modelled	99.8	36 PDB header: signaling protein Chain: A: PDB Molecule: v-crk sarcoma virus ct10 oncogene homolog, PDBTitle: phosphorylated crk-ii
97	d1cwea	Alignment	not modelled	99.8	41 Fold: SH2-like Superfamily: SH2 domain Family: SH2 domain
98	c3qwxX	Alignment	not modelled	99.8	36 PDB header: signaling protein Chain: X: PDB Molecule: cell death abnormality protein 2; PDBTitle: ced-2 1-174
99	c3gxxB	Alignment	not modelled	99.8	25 PDB header: transcription Chain: B: PDB Molecule: transcription elongation factor spt6; PDBTitle: structure of the sh2 domain of the candida glabrata2 transcription elongation factor spt6, crystal form b
100	c3qwyA	Alignment	not modelled	99.8	36 PDB header: signaling protein Chain: A: PDB Molecule: cell death abnormality protein 2; PDBTitle: ced-2
101	c2eyyA	Alignment	not modelled	99.8	35 PDB header: signaling protein Chain: A: PDB Molecule: v-crk sarcoma virus ct10 oncogene homolog PDBTitle: ct10-regulated kinase isoform i
102	c2dybA	Alignment	not modelled	99.8	15 PDB header: oxidoreductase Chain: A: PDB Molecule: neutrophil cytosol factor 4; PDBTitle: the crystal structure of human p40(phox)
103	c2dx0B	Alignment	not modelled	99.8	34 PDB header: hydrolase Chain: B: PDB Molecule: phospholipase c, gamma 2; PDBTitle: crystal structure of the n-terminal sh2 domain of mouse2 phospholipase c-gamma 2
104	c2yt6A	Alignment	not modelled	99.8	34 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
105	c1mv3A	Alignment	not modelled	99.7	19 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
106	d1udla	Alignment	not modelled	99.7	39 Fold: SH3-like barrel Superfamily: SH3-domain Family: SH3-domain
107	d1ng2a2	Alignment	not modelled	99.7	23 Fold: SH3-like barrel Superfamily: SH3-domain Family: SH3-domain
					PDB header: transcription

108	c3or8A_	Alignment	not modelled	99.7	24	Chain: A: PDB Molecule: transcription elongation factor spt6; PDBTitle: a tandem sh2 domain in transcription elongation factor spt6
109	c1wx6A_	Alignment	not modelled	99.7	35	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
110	c2xp1A_	Alignment	not modelled	99.7	17	PDB header: transcription Chain: A: PDB Molecule: spt6; PDBTitle: structure of the tandem sh2 domains from antonospora locustae2 transcription elongation factor spt6
111	c2yuoA_	Alignment	not modelled	99.7	28	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
112	c2kymA_	Alignment	not modelled	99.7	21	PDB header: signaling protein Chain: A: PDB Molecule: bud emergence protein 1; PDBTitle: solution structure of the bem1p sh3-ci domain from l.elongisporus in2 complex with ste20p peptide
113	c2yunA_	Alignment	not modelled	99.7	35	PDB header: protein transport Chain: A: PDB Molecule: nostrin; PDBTitle: solution structure of the sh3 domain of human nostrin
114	c1xa6A_	Alignment	not modelled	99.7	24	PDB header: signaling protein Chain: A: PDB Molecule: beta2-chimaerin; PDBTitle: crystal structure of the human beta2-chimaerin
115	c3jv3A_	Alignment	not modelled	99.7	31	PDB header: protein binding Chain: A: PDB Molecule: intersectin-1; PDBTitle: structure of sh3e-dh unit of murine intersectin-1l
116	c2dx1A_	Alignment	not modelled	99.7	28	PDB header: signaling protein Chain: A: PDB Molecule: rho guanine nucleotide exchange factor 4; PDBTitle: crystal structure of rhogef protein asef
117	c3nmzD_	Alignment	not modelled	99.7	27	PDB header: cell adhesion/cell cycle Chain: D: PDB Molecule: rho guanine nucleotide exchange factor 4; PDBTitle: crytal structure of apc complexed with asef
118	c1x2qA_	Alignment	not modelled	99.7	26	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
119	d1k4us_	Alignment	not modelled	99.7	30	Fold: SH3-like barrel Superfamily: SH3-domain Family: SH3-domain
120	c2ekhA_	Alignment	not modelled	99.7	25	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