










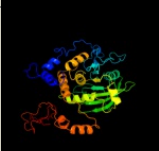





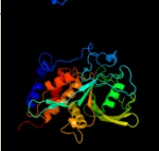
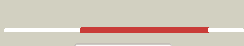





# Phyre2

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Description	G5EC24
Date	Fri May 3 21:06:01 BST 2013
Unique Job ID	84e226cc6a76541a

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c3ps5A_</a>	 Alignment		100.0	41	<b>PDB header:</b> hydrolase, signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> tyrosine-protein phosphatase non-receptor type 6; <b>PDBTitle:</b> crystal structure of the full-length human protein tyrosine2 phosphatase shp-1
2	<a href="#">c2b3oA_</a>	 Alignment		100.0	42	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> tyrosine-protein phosphatase, non-receptor type <b>PDBTitle:</b> crystal structure of human tyrosine phosphatase shp-1
3	<a href="#">c2shpA_</a>	 Alignment		100.0	44	<b>PDB header:</b> tyrosine phosphatase <b>Chain:</b> A: <b>PDB Molecule:</b> shp-2; <b>PDBTitle:</b> tyrosine phosphatase shp-2
4	<a href="#">c1yguA_</a>	 Alignment		100.0	28	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> leukocyte common antigen; <b>PDBTitle:</b> crystal structure of the tandem phosphatase domains of rtp2 cd45 with a ptyr peptide
5	<a href="#">c2nlkA_</a>	 Alignment		100.0	42	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> protein tyrosine phosphatase, receptor type, g variant <b>PDBTitle:</b> crystal structure of d1 and d2 catalytic domains of human protein2 tyrosine phosphatase gamma (d1+d2 ptprg)
6	<a href="#">c3sr9A_</a>	 Alignment		100.0	32	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> receptor-type tyrosine-protein phosphatase s; <b>PDBTitle:</b> crystal structure of mouse ptpsigma
7	<a href="#">c1larB_</a>	 Alignment		100.0	37	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> protein (lar); <b>PDBTitle:</b> crystal structure of the tandem phosphatase domains of rtp2 lar
8	<a href="#">d1wcha_</a>	 Alignment		100.0	36	<b>Fold:</b> (Phosphotyrosine protein) phosphatases II <b>Superfamily:</b> (Phosphotyrosine protein) phosphatases II <b>Family:</b> Higher-molecular-weight phosphotyrosine protein phosphatases
9	<a href="#">d1jlna_</a>	 Alignment		100.0	39	<b>Fold:</b> (Phosphotyrosine protein) phosphatases II <b>Superfamily:</b> (Phosphotyrosine protein) phosphatases II <b>Family:</b> Higher-molecular-weight phosphotyrosine protein phosphatases
10	<a href="#">c2jldA_</a>	 Alignment		100.0	33	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> receptor-type tyrosine-protein phosphatase epsilon; <b>PDBTitle:</b> protein tyrosine phosphatase, receptor type, e isoform
11	<a href="#">c3s3fA_</a>	 Alignment		100.0	37	<b>PDB header:</b> hydrolase/hydrolase inhibitor <b>Chain:</b> A: <b>PDB Molecule:</b> tyrosine-protein phosphatase 10d; <b>PDBTitle:</b> crystal structure of the catalytic domain of ptp10d from drosophila2 melanogaster with a small molecule inhibitor vanadate

12	<a href="#">c2nz6A_</a>	Alignment		100.0	34	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> receptor-type tyrosine-protein phosphatase eta; <b>PDBTitle:</b> crystal structure of the ptpmj inactivating mutant c1239s
13	<a href="#">c2pa5A_</a>	Alignment		100.0	36	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> tyrosine-protein phosphatase non-receptor type 9; <b>PDBTitle:</b> crystal structure of human protein tyrosine phosphatase ptpn9
14	<a href="#">d1lara1</a>	Alignment		100.0	41	<b>Fold:</b> (Phosphotyrosine protein) phosphatases II <b>Superfamily:</b> (Phosphotyrosine protein) phosphatases II <b>Family:</b> Higher-molecular-weight phosphotyrosine protein phosphatases
15	<a href="#">c3i36A_</a>	Alignment		100.0	36	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> vascular protein tyrosine phosphatase 1; <b>PDBTitle:</b> crystal structure of rat protein tyrosine phosphatase eta catalytic2 domain
16	<a href="#">c2bz1A_</a>	Alignment		100.0	34	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> tyrosine-protein phosphatase, non-receptor type <b>PDBTitle:</b> crystal structure of the human protein tyrosine phosphatase2 n14 at 1.65 a resolution
17	<a href="#">d2shpa1</a>	Alignment		100.0	48	<b>Fold:</b> (Phosphotyrosine protein) phosphatases II <b>Superfamily:</b> (Phosphotyrosine protein) phosphatases II <b>Family:</b> Higher-molecular-weight phosphotyrosine protein phosphatases
18	<a href="#">c2qdmA_</a>	Alignment		100.0	36	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> tyrosine-protein phosphatase non-receptor type 7; <b>PDBTitle:</b> crystal structure of the hept catalytic domain c270s/d236a/q314a2 mutant
19	<a href="#">c2oc3A_</a>	Alignment		100.0	39	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> tyrosine-protein phosphatase non-receptor type <b>PDBTitle:</b> crystal structure of the catalytic domain of human protein2 tyrosine phosphatase non-receptor type 18
20	<a href="#">c2c7sA_</a>	Alignment		100.0	40	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> receptor-type tyrosine-protein phosphatase kappa; <b>PDBTitle:</b> crystal structure of human protein tyrosine phosphatase2 kappa at 1.95a resolution
21	<a href="#">d1fpra_</a>	Alignment	not modelled	100.0	47	<b>Fold:</b> (Phosphotyrosine protein) phosphatases II <b>Superfamily:</b> (Phosphotyrosine protein) phosphatases II <b>Family:</b> Higher-molecular-weight phosphotyrosine protein phosphatases
22	<a href="#">c2qcjB_</a>	Alignment	not modelled	100.0	38	<b>PDB header:</b> hydrolase <b>Chain:</b> B; <b>PDB Molecule:</b> tyrosine-protein phosphatase non-receptor type <b>PDBTitle:</b> native structure of lyp
23	<a href="#">c2hy3A_</a>	Alignment	not modelled	100.0	41	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> receptor-type tyrosine-protein phosphatase gamma; <b>PDBTitle:</b> crystal structure of the human tyrosine receptor phosphate gamma in2 complex with vanadate
24	<a href="#">d2f71a1</a>	Alignment	not modelled	100.0	38	<b>Fold:</b> (Phosphotyrosine protein) phosphatases II <b>Superfamily:</b> (Phosphotyrosine protein) phosphatases II <b>Family:</b> Higher-molecular-weight phosphotyrosine protein phosphatases
25	<a href="#">d1rpma_</a>	Alignment	not modelled	100.0	39	<b>Fold:</b> (Phosphotyrosine protein) phosphatases II <b>Superfamily:</b> (Phosphotyrosine protein) phosphatases II <b>Family:</b> Higher-molecular-weight phosphotyrosine protein phosphatases
26	<a href="#">d1yfoa_</a>	Alignment	not modelled	100.0	39	<b>Fold:</b> (Phosphotyrosine protein) phosphatases II <b>Superfamily:</b> (Phosphotyrosine protein) phosphatases II <b>Family:</b> Higher-molecular-weight phosphotyrosine protein phosphatases
27	<a href="#">c2vexA_</a>	Alignment	not modelled	100.0	38	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> tyrosine-protein phosphatase non-receptor type 1; <b>PDBTitle:</b> crystal structure of protein tyrosine phosphatase 1b in2 complex with an isothiazolidinone-containing inhibitor
28	<a href="#">d1larh1</a>	Alignment	not modelled	100.0	44	<b>Fold:</b> (Phosphotyrosine protein) phosphatases II <b>Superfamily:</b> (Phosphotyrosine protein) phosphatases II

28	<a href="#">c1l8v1</a>	Alignment	not modelled	100.0	44	<b>Family:</b> Higher-molecular-weight phosphotyrosine protein phosphatases <b>PDB header:</b> hydrolase
29	<a href="#">c2h04A</a>	Alignment	not modelled	100.0	39	<b>Chain:</b> A; <b>PDB Molecule:</b> protein tyrosine phosphatase, receptor type, b,; <b>PDBTitle:</b> structural studies of protein tyrosine phosphatase beta2 catalytic domain in complex with inhibitors <b>PDB header:</b> hydrolase
30	<a href="#">c2qepA</a>	Alignment	not modelled	100.0	33	<b>Chain:</b> A; <b>PDB Molecule:</b> receptor-type tyrosine-protein phosphatase n2; <b>PDBTitle:</b> crystal structure of the d1 domain of ptrn2 (ia2beta)
31	<a href="#">c2g59B</a>	Alignment	not modelled	100.0	34	<b>PDB header:</b> hydrolase <b>Chain:</b> B; <b>PDB Molecule:</b> receptor-type tyrosine-protein phosphatase o; <b>PDBTitle:</b> crystal structure of the catalytic domain of protein2 tyrosine phosphatase from homo sapiens
32	<a href="#">c2bijA</a>	Alignment	not modelled	100.0	38	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> tyrosine-protein phosphatase, non-receptor type 5; <b>PDBTitle:</b> crystal structure of the human protein tyrosine phosphatase2 ptpn5 (step, striatum enriched enriched phosphatase)
33	<a href="#">d1l8ka</a>	Alignment	not modelled	100.0	35	<b>Fold:</b> (Phosphotyrosine protein) phosphatases II <b>Superfamily:</b> (Phosphotyrosine protein) phosphatases II <b>Family:</b> Higher-molecular-weight phosphotyrosine protein phosphatases
34	<a href="#">c1l8kA</a>	Alignment	not modelled	100.0	35	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> t-cell protein-tyrosine phosphatase; <b>PDBTitle:</b> t cell protein-tyrosine phosphatase structure
35	<a href="#">c2b49A</a>	Alignment	not modelled	100.0	36	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> protein tyrosine phosphatase, non-receptor type 3; <b>PDBTitle:</b> crystal structure of the catalytic domain of protein tyrosine2 phosphatase, non-receptor type 3
36	<a href="#">c2i75A</a>	Alignment	not modelled	100.0	35	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> tyrosine-protein phosphatase non-receptor type 4; <b>PDBTitle:</b> crystal structure of human protein tyrosine phosphatase n4 (ptpn4)
37	<a href="#">d1lara2</a>	Alignment	not modelled	100.0	41	<b>Fold:</b> (Phosphotyrosine protein) phosphatases II <b>Superfamily:</b> (Phosphotyrosine protein) phosphatases II <b>Family:</b> Higher-molecular-weight phosphotyrosine protein phosphatases
38	<a href="#">c1g4wR</a>	Alignment	not modelled	100.0	16	<b>PDB header:</b> signaling protein <b>Chain:</b> R; <b>PDB Molecule:</b> protein tyrosine phosphatase sptp; <b>PDBTitle:</b> crystal structure of the salmonella tyrosine phosphatase2 and gtpase activating protein sptp
39	<a href="#">c3m4uB</a>	Alignment	not modelled	100.0	29	<b>PDB header:</b> hydrolase <b>Chain:</b> B; <b>PDB Molecule:</b> tyrosine specific protein phosphatase, putative; <b>PDBTitle:</b> crystal structure of trypanosoma brucei protein tyrosine phosphatase2 tbtp1
40	<a href="#">c3jrlA</a>	Alignment	not modelled	100.0	50	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> oncogenic tyrosine phosphatase shp2; <b>PDBTitle:</b> crystal structure of the oncogenic tyrosine phosphatase shp2 complexed2 with a salicylic acid-based small molecule inhibitor
41	<a href="#">c4az1B</a>	Alignment	not modelled	100.0	30	<b>PDB header:</b> hydrolase <b>Chain:</b> B; <b>PDB Molecule:</b> tyrosine specific protein phosphatase; <b>PDBTitle:</b> crystal structure of the trypanosoma cruzi protein tyrosine2 phosphatase tcptp1, a potential therapeutic target for chagas'3 disease
42	<a href="#">d1p15a</a>	Alignment	not modelled	100.0	41	<b>Fold:</b> (Phosphotyrosine protein) phosphatases II <b>Superfamily:</b> (Phosphotyrosine protein) phosphatases II <b>Family:</b> Higher-molecular-weight phosphotyrosine protein phosphatases
43	<a href="#">d1lyva</a>	Alignment	not modelled	100.0	19	<b>Fold:</b> (Phosphotyrosine protein) phosphatases II <b>Superfamily:</b> (Phosphotyrosine protein) phosphatases II <b>Family:</b> Higher-molecular-weight phosphotyrosine protein phosphatases
44	<a href="#">d1g4us2</a>	Alignment	not modelled	100.0	19	<b>Fold:</b> (Phosphotyrosine protein) phosphatases II <b>Superfamily:</b> (Phosphotyrosine protein) phosphatases II <b>Family:</b> Higher-molecular-weight phosphotyrosine protein phosphatases
45	<a href="#">c2oq1A</a>	Alignment	not modelled	100.0	30	<b>PDB header:</b> transferase <b>Chain:</b> A; <b>PDB Molecule:</b> tyrosine-protein kinase zap-70; <b>PDBTitle:</b> tandem sh2 domains of zap-70 with 19-mer zeta1 peptide
46	<a href="#">c2ozoA</a>	Alignment	not modelled	100.0	29	<b>PDB header:</b> transferase <b>Chain:</b> A; <b>PDB Molecule:</b> tyrosine-protein kinase zap-70; <b>PDBTitle:</b> autoinhibited intact human zap-70
47	<a href="#">c4fl2A</a>	Alignment	not modelled	100.0	29	<b>PDB header:</b> transferase <b>Chain:</b> A; <b>PDB Molecule:</b> tyrosine-protein kinase syk; <b>PDBTitle:</b> structural and biophysical characterization of the syk activation2 switch
48	<a href="#">c3gqiB</a>	Alignment	not modelled	100.0	28	<b>PDB header:</b> transferase/transferase inhibitor <b>Chain:</b> B; <b>PDB Molecule:</b> phospholipase c-gamma-1; <b>PDBTitle:</b> crystal structure of activated receptor tyrosine kinase in complex2 with substrates
49	<a href="#">c1a81E</a>	Alignment	not modelled	100.0	23	<b>PDB header:</b> complex (transferase/peptide) <b>Chain:</b> E; <b>PDB Molecule:</b> syk kinase; <b>PDBTitle:</b> crystal structure of the tandem sh2 domain of the syk kinase bound to2 a dually tyrosine-phosphorylated itam
50	<a href="#">c3or8A</a>	Alignment	not modelled	100.0	14	<b>PDB header:</b> transcription <b>Chain:</b> A; <b>PDB Molecule:</b> transcription elongation factor spt6; <b>PDBTitle:</b> a tandem sh2 domain in transcription elongation factor spt6
51	<a href="#">d1v3aa</a>	Alignment	not modelled	100.0	26	<b>Fold:</b> (Phosphotyrosine protein) phosphatases II <b>Superfamily:</b> (Phosphotyrosine protein) phosphatases II <b>Family:</b> Dual specificity phosphatase-like
52	<a href="#">d1rxda</a>	Alignment	not modelled	100.0	28	<b>Fold:</b> (Phosphotyrosine protein) phosphatases II <b>Superfamily:</b> (Phosphotyrosine protein) phosphatases II <b>Family:</b> Dual specificity phosphatase-like

53	<a href="#">c2xp1A</a>	Alignment	not modelled	100.0	17	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> spt6; <b>PDBTitle:</b> structure of the tandem sh2 domains from antonospora locustae2 transcription elongation factor spt6
54	<a href="#">c3s4oB</a>	Alignment	not modelled	99.9	24	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> protein tyrosine phosphatase-like protein; <b>PDBTitle:</b> protein tyrosine phosphatase (putative) from leishmania major
55	<a href="#">c3rz2B</a>	Alignment	not modelled	99.9	26	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> protein tyrosine phosphatase type iva 1; <b>PDBTitle:</b> crystal of prl-1 complexed with peptide
56	<a href="#">d2oq1a1</a>	Alignment	not modelled	99.9	30	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
57	<a href="#">c2y3aB</a>	Alignment	not modelled	99.9	22	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> phosphatidylinositol 3-kinase regulatory subunit beta; <b>PDBTitle:</b> crystal structure of p110beta in complex with icsh2 of p85beta and2 the drug gdc-0941
58	<a href="#">d2shpa2</a>	Alignment	not modelled	99.9	30	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
59	<a href="#">d1pica</a>	Alignment	not modelled	99.9	24	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
60	<a href="#">d1a81a1</a>	Alignment	not modelled	99.9	25	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
61	<a href="#">c1x6cA</a>	Alignment	not modelled	99.9	28	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> tyrosine-protein phosphatase, non-receptor type <b>PDBTitle:</b> solution structures of the sh2 domain of human protein-2 tyrosine phosphatase shp-1
62	<a href="#">c3hizB</a>	Alignment	not modelled	99.9	19	<b>PDB header:</b> transferase/oncoprotein <b>Chain:</b> B: <b>PDB Molecule:</b> phosphatidylinositol 3-kinase regulatory subunit <b>PDBTitle:</b> crystal structure of p110alpha h1047r mutant in complex with2 nish2 of p85alpha
63	<a href="#">d1a81e1</a>	Alignment	not modelled	99.9	26	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
64	<a href="#">c2hdxB</a>	Alignment	not modelled	99.9	25	<b>PDB header:</b> signaling protein <b>Chain:</b> B: <b>PDB Molecule:</b> sh2-b ph domain containing signaling mediator 1 <b>PDBTitle:</b> crystal structure of the src homology-2 domain of sh2-b in2 complex with jak2 ptyr813 phosphopeptide
65	<a href="#">d2oq1a2</a>	Alignment	not modelled	99.9	26	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
66	<a href="#">c2ysxA</a>	Alignment	not modelled	99.9	26	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> signaling inositol polyphosphate phosphatase <b>PDBTitle:</b> solution structure of the human ship sh2 domain
67	<a href="#">d1qada</a>	Alignment	not modelled	99.9	25	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
68	<a href="#">d3c7ia1</a>	Alignment	not modelled	99.9	24	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
69	<a href="#">c2fo0A</a>	Alignment	not modelled	99.9	27	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> proto-oncogene tyrosine-protein kinase abl1 (1b isoform); <b>PDBTitle:</b> organization of the sh3-sh2 unit in active and inactive forms of the2 c-abl tyrosine kinase
70	<a href="#">c2lqnA</a>	Alignment	not modelled	99.9	24	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> crk-like protein; <b>PDBTitle:</b> solution structure of crkl
71	<a href="#">c2eo6A</a>	Alignment	not modelled	99.9	21	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> b-cell linker protein; <b>PDBTitle:</b> solution structure of the sh2 domain from mouse b-cell2 linker protein blnk
72	<a href="#">c2crhA</a>	Alignment	not modelled	99.9	21	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> vav proto-oncogene; <b>PDBTitle:</b> solution structure of the sh2 domain of human proto-2 oncogene protein vav1
73	<a href="#">d1fhSA</a>	Alignment	not modelled	99.9	22	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
74	<a href="#">c1ka6A</a>	Alignment	not modelled	99.9	25	<b>PDB header:</b> immune system <b>Chain:</b> A: <b>PDB Molecule:</b> sh2 domain protein 1a; <b>PDBTitle:</b> sap/sh2d1a bound to peptide n-py
75	<a href="#">c2ci8A</a>	Alignment	not modelled	99.9	28	<b>PDB header:</b> translation <b>Chain:</b> A: <b>PDB Molecule:</b> cytoplasmic protein nck1; <b>PDBTitle:</b> sh2 domain of human nck1 adaptor protein - uncomplexed
76	<a href="#">d1ayaa</a>	Alignment	not modelled	99.9	29	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
77	<a href="#">c2eobA</a>	Alignment	not modelled	99.9	25	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> 1-phosphatidylinositol-4,5-bisphosphate <b>PDBTitle:</b> solution structure of the second sh2 domain from rat plc2 gamma-2
						<b>Fold:</b> SH2-like

78	<a href="#">d1a81a2</a>	Alignment	not modelled	99.9	26	<b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
79	<a href="#">d1a81e2</a>	Alignment	not modelled	99.9	28	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
80	<a href="#">c2dlyA</a>	Alignment	not modelled	99.9	24	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> fyn-related kinase; <b>PDBTitle:</b> solution structure of the sh2 domain of murine fyn-related2 kinase
81	<a href="#">d2izva2</a>	Alignment	not modelled	99.9	18	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
82	<a href="#">c2dlza</a>	Alignment	not modelled	99.9	25	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> protein vav-2; <b>PDBTitle:</b> solution structure of the sh2 domain of human protein vav-2
83	<a href="#">d1d4ta</a>	Alignment	not modelled	99.9	25	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
84	<a href="#">c2qgsbA</a>	Alignment	not modelled	99.9	24	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> ras gtpase-activating protein 1; <b>PDBTitle:</b> solution structure of the second sh2 domain of human ras2 gtpase-activating protein 1
85	<a href="#">c1oplA</a>	Alignment	not modelled	99.9	27	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> proto-oncogene tyrosine-protein kinase; <b>PDBTitle:</b> structural basis for the auto-inhibition of c-abl tyrosine2 kinase
86	<a href="#">c2ablA</a>	Alignment	not modelled	99.9	26	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> abl tyrosine kinase; <b>PDBTitle:</b> sh3-sh2 domain fragment of human bcr-abl tyrosine kinase
87	<a href="#">d2shpa3</a>	Alignment	not modelled	99.9	39	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
88	<a href="#">d2qmsa1</a>	Alignment	not modelled	99.9	22	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
89	<a href="#">c2lctA</a>	Alignment	not modelled	99.9	22	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> proto-oncogene vav; <b>PDBTitle:</b> solution structure of the vav1 sh2 domain complexed with a syk-derived2 doubly phosphorylated peptide
90	<a href="#">d1bjja</a>	Alignment	not modelled	99.9	25	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
91	<a href="#">d1nrva</a>	Alignment	not modelled	99.9	27	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
92	<a href="#">c2ge9A</a>	Alignment	not modelled	99.9	23	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> tyrosine-protein kinase btk; <b>PDBTitle:</b> solution structures of the sh2 domain of bruton's tyrosine2 kinase
93	<a href="#">d1r1qa</a>	Alignment	not modelled	99.9	29	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
94	<a href="#">d1rjaa</a>	Alignment	not modelled	99.9	26	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
95	<a href="#">c1k9aB</a>	Alignment	not modelled	99.9	25	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> carboxyl-terminal src kinase; <b>PDBTitle:</b> crystal structure analysis of full-length carboxyl-terminal2 src kinase at 2.5 a resolution
96	<a href="#">d1xa6a2</a>	Alignment	not modelled	99.9	25	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
97	<a href="#">d1lkka</a>	Alignment	not modelled	99.9	23	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
98	<a href="#">c2augB</a>	Alignment	not modelled	99.8	25	<b>PDB header:</b> signaling protein <b>Chain:</b> B: <b>PDB Molecule:</b> growth factor receptor-bound protein 14; <b>PDBTitle:</b> crystal structure of the grb14 sh2 domain
99	<a href="#">c2eo3A</a>	Alignment	not modelled	99.8	25	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> crk-like protein; <b>PDBTitle:</b> solution structure of the sh2 domain from human crk-like2 protein
100	<a href="#">d1i3za</a>	Alignment	not modelled	99.8	22	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
101	<a href="#">d1ohea2</a>	Alignment	not modelled	99.8	26	<b>Fold:</b> (Phosphotyrosine protein) phosphatases II <b>Superfamily:</b> (Phosphotyrosine protein) phosphatases II <b>Family:</b> Dual specificity phosphatase-like
102	<a href="#">d1k9aa2</a>	Alignment	not modelled	99.8	27	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
103	<a href="#">d1opka2</a>	Alignment	not modelled	99.8	28	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
104	<a href="#">d1bkla</a>	Alignment	not modelled	99.8	25	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
						<b>Fold:</b> SH2-like

105	<a href="#">d1jyra_</a>	Alignment	not modelled	99.8	25	<b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
106	<a href="#">d1jwoa_</a>	Alignment	not modelled	99.8	27	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
107	<a href="#">c1y57A_</a>	Alignment	not modelled	99.8	23	<b>PDB header:</b> transferase <b>Chain:</b> A; <b>PDB Molecule:</b> proto-oncogene tyrosine-protein kinase src; <b>PDBTitle:</b> structure of unphosphorylated c-src in complex with an inhibitor
108	<a href="#">d2eyva1</a>	Alignment	not modelled	99.8	30	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
109	<a href="#">c2hmhA_</a>	Alignment	not modelled	99.8	22	<b>PDB header:</b> cytokine regulator <b>Chain:</b> A; <b>PDB Molecule:</b> suppressor of cytokine signaling 3; <b>PDBTitle:</b> crystal structure of socs3 in complex with gp130(ptyr757)2 phosphopeptide.
110	<a href="#">d1mila_</a>	Alignment	not modelled	99.8	31	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
111	<a href="#">d1csya_</a>	Alignment	not modelled	99.8	27	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
112	<a href="#">c3nhnA_</a>	Alignment	not modelled	99.8	21	<b>PDB header:</b> transferase <b>Chain:</b> A; <b>PDB Molecule:</b> tyrosine-protein kinase hck; <b>PDBTitle:</b> crystal structure of the src-family kinase hck sh3-sh2-linker2 regulatory region
113	<a href="#">d1qcfa2</a>	Alignment	not modelled	99.8	27	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
114	<a href="#">c2vifA_</a>	Alignment	not modelled	99.8	21	<b>PDB header:</b> signaling protein <b>Chain:</b> A; <b>PDB Molecule:</b> suppressor of cytokine signalling 6; <b>PDBTitle:</b> crystal structure of socs6 sh2 domain in complex with a c-kit2 phosphopeptide
115	<a href="#">d1luia_</a>	Alignment	not modelled	99.8	26	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
116	<a href="#">c2el8A_</a>	Alignment	not modelled	99.8	24	<b>PDB header:</b> signaling protein <b>Chain:</b> A; <b>PDB Molecule:</b> signal-transducing adaptor protein 2; <b>PDBTitle:</b> solution structure of the human stap2 sh2 domain
117	<a href="#">c2knoA_</a>	Alignment	not modelled	99.8	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> tensin-like c1 domain-containing phosphatase; <b>PDBTitle:</b> nmr solution structure of sh2 domain of the human tensin like c12 domain containing phosphatase (tenc1)
118	<a href="#">d1g83a2</a>	Alignment	not modelled	99.8	29	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
119	<a href="#">c2c9wA_</a>	Alignment	not modelled	99.8	32	<b>PDB header:</b> transcription regulation <b>Chain:</b> A; <b>PDB Molecule:</b> suppressor of cytokine signaling 2; <b>PDBTitle:</b> crystal structure of socs-2 in complex with elongin-b and2 elongin-c at 1.9a resolution
120	<a href="#">d1f2fa_</a>	Alignment	not modelled	99.8	25	<b>Fold:</b> SH2-like <b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain