

Phospho-Tyrosine Binding SH2 Domain Array 2.0

A	B	C	D		1	9	1	2	3
					8	8	5	GST	9
E	F	G	H	I	6	GST	7	3	4
					7	6	5	4	2
								10	10

<u>Kinases</u>	<u>Kinases</u>	<u>Kinases</u>	<u>Scaffolds</u>
A1 LYN (P07948) A2 HCK (P08631) A3 LCK (P06239) A4 BLKSH2 (P51451) A5 FYN (P06241) A6 YES (P07947) A7 SRC (P12931) A8 BRKPTK6 (Q13882) A9 FRK (P42685) A10 SRMS (Q62270)	B1 ABL1 (P00519) B2 ABL2 (P42684) B3 FER (PI6591) B4 FES (P07332) B5 TXK (P42681) B6 ITK (Q08881) B7 BTK (Q06187) B8 TEC (P42680) B9 BMX (P51813) B10 CSK (P41240)	C1 SYK-C (Q5T6N8) C2 SYK-N (Q5T6N8) C3 ZAP70-C (P43404) C4 ZAP70-N (P43404) C5 MATK (P42679) C6 PTPN11-C (Q06124) C7 PTPN11-N (Q06124) C8 PTPN6-C (P29350) C9 PTPN6-N (P29350)	D1 BLNK (Q8WV28) D2 MIST (Q7Z7G1) D3 SHC1 (P29353) D4 SHC2 (P98077) D5 SHC3 (Q92529) D6 SHC4 (Q8IYW3) D7 SLNK (Q7Z4S9) D8 SLP76 (Q13094) D9 APS (O14492) D10 SH2D2A (Q9NP31)
<u>Signal Regulation</u>	<u>Adapters</u>	<u>Cytoskeletal Regulation</u>	<u>Phospholipid Signaling</u>
E1 DAPP1 (Q9UN19) E2 HSH2D (Q96JZ2) E3 GRB7 (Q14451) E4 GRB10 (Q13322) E5 GRB14 (Q14449) E6 SHB (Q15464) E7 SHD (Q96IW2) E8 SHE (Q5VZ18) E9 SHF (Q96IE8) E10 SH2B (Q9NRF1)	F1 GRAP (Q13588) F2 GADS/GRAP2 (O75791) F3 GRB2 (P62993) F4 CRK (P46108) F5 CRKL (P41240) F6 NCK1 (P16333) F7 NCK2 (O43639) F8 SLAP (Q13239) F9 SLAP2 (Q9H6Q3) F10 SUPT6H (Q7KZ85)	G1 BRDG1/STAP1 (Q9ULZ2) G2 SH3BP2 (P78314) G3 SH2D1A (O60880) G4 SH2D1B (O14796) G5 TNS1 (Q9HBL0) G6 TNS2 (Q76MW6) G7 TNS3 (Q8IZW7) G8 TNS4 (Q8IZW8) G9 SHIP1 (O00145) G10 SHIP2 (O15357)	H1 PIK3R1_C (P27986) H2 PIK3R1_N (P27986) H3 PIK3R2_C (O00459) H4 PIK3R2_N (O00459) H5 PIK3R3_C (Q92569) H6 PIK3R3_N (Q92569) H7 PLCg1-C (P19174) H8 PLCg1-N (P19174) H9 PLCg2-C (P16885) H10 PLCg2-N (P16885)
<u>Chromatin Remodeling</u>		<u>Phospholipid Signaling</u>	<u>Small GTPase Signaling</u>
			I1 RASA1-N (P20936) I2 RASA1-C (P20936) I3 NSP1/SH2D3A (Q9BRG2) I4 NSP1/BCAR3 (O75815) I5 RIN1 (Q13671) I6 RIN3 (Q8TB24) I7 VAV1 (P15498) I8 VAV2 (P52735) I9 VAV3 (Q9UKW4) I10 CHN1 (P15882)

Plasmids were kindly provided by Dr. Shawn Li, Department of Biochemistry, University of Western Ontario

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