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Supplemental Information

Decoupling the Functional Pleiotropy of Stem Cell Factor by Tuning c-Kit Signaling

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Table S1. Related to Figure 3. List of molecules examined in Primity Bio Pathway

#	Phospho-Antibody Specificity	#	Phospho-Antibody Specificity	#	Phospho-Antibody Specificity
1	4ebp1 t37	51	IRS1 y896	101	SMAD2 s465/467 SMAD3 s423/s425
2	53BP1 s1778	52	JNK (pT183/pY185)	102	SRC y418
3	AML1 pSer249	53	JUN s63	103	STAT1 s727
4	AMPK s182	54	JUN s73	104	STAT1 y701
5	Anti-TBK1 (pS172)	55	LAT y171	105	STAT3 s727
6	ATF2 t71	56	LAT y226	106	STAT3 y705
7	ATM s1981	57	LCK Y505	107	STAT4 Y693
8	AUR At288/Bt232/Ct198	58	MAP2K1 s222 MAP2K2	108	STAT5 y694
9	BAD s112	59	MAP2K1 s298	109	STAT6 Y641
10	BCAR1 Y249	60	MAP2K4 s257	110	SYK s525/s526
11	BCL2 s70	61	MAPK3 t202/y204 MAPK1	111	TBK1 s172
12	Bcr pTyr177	62	MAPKAPK2 t334	112	TP53 ack382
13	BLNK y84	63	MARCKS s167	113	TP53 s37
14	Btk (pY223)/Itk (pY180)	64	M-CSF pTyr723	114	Tuberin/TSC2 pSer939
15	BTK y551 ITK y511	65	MEK1 t286	115	WIPF1 s488
16	CASP3 Cleaved	66	MEK1,2 pSer221	116	ZAP70 (PY319)/Syk (PY352)
17	CBL y700	67	MKI67 Total	117	Zap-70 pTyr315+319
18	CBL Y774	68	MNK t197/202	118	ZAP70 y292
19	CCNE1 t62	69	mTOR (pS2448)		
20	CD247 y142	70	MYC Total		
21	Cdc2 y15	71	NDRG1 t346		
22	CDKN1A Total	72	NFKB ser536		
23	CDKN1B Total	73	NFKB1A Total		
24	CEBPB t235/t188	74	NRF2		
25	CHK1 s345	75	p38 t180/y182		
26	Chk2 (Thr68)	76	p53 pSer46		
27	CHUK s176/s180 IKBKB s176/s180B	77	p70 s6 pThr421+pSer4		
28	Cleaved PARP (Asp 214)	78	PLCG1 y783		
29	CREB1 s133 ATF1 s63	79	PLCG2 y759		
30	CrkL pTyr207	80	PLK1 t210		
31	CRKL y207	81	P-p44/42 MAPK (T202/Y204) (197G2)		
32	CTNND1 s268	82	PRKACB s114		
33	EIF4E s209	83	PRKCA t497		
34	EIF4EBP1 t36/t45	84	PTEN		
35	EIF4EBP1 t69	85	PTK2B y402		
36	ELK1 s383	86	PTPN11 y542		
37	EZR Y353	87	PZR (Y241)		
38	FAK s910	88	RB s807/s811		
39	FOS s32	89	RB1 s780		
40	FOXO3A s253	90	RELA s529		
41	GSK3B s9	91	RELB s552		
42	H2AFX s139	92	RPS6 s235/236		
43	Histone H3 s10	93	RPS6 s240		
44	Histone H3 s28	94	RPS6 s244		
45	Histone H3 t11	95	RPS6KA1 s380		
46	HS1 y397	96	SHIP2 (Tyr1135)		
47	HSP27 s78	97	SHP-2 (y580)		
48	HSP27-s15	98	SirT1 pSer47		
49	HSPB1 s82	99	SLP-76 (s376)		
50	IRF7 s479	100	SLP76 y128		