

Panorama® Antibody Microarray-XPRESS Profiler725, XP725

List of Antibodies

Lot: 013M4793

	ANTIBODY	SIGMA No.	Gene IDs	Gene symbols	Accessions	P/M	Reactivity		
							Human	Mouse	Rat
1	14-3-3 θ/τ	T5942	646954, 546165	EG546165, LOC646954		M	y	y	y
2	Acetylated Protein	A5463				P	y	n/d	n/d
3	Actin	A5060	29437, 58, 11459	Acta1, ACTA1	NP_062085.1, NP_001091.1, NP_033736.1	P	y	y	y
4	Actin	A3853				M	y	y	y
5	Actin, α-Smooth Muscle	A5228	59, 81633, 11475	ACTA2, Acta2	NP_001604.1, NP_112266.1, NP_031418.1	M	y	y	y
6	β-Actin	A1978	60, 81822, 11461	ACTB, Actb	NP_001092.1, NP_112406.1, NP_031419.1	M	y	y	y
7	β-Actin	A2228	60, 81822, 11461	ACTB, Actb	NP_001092.1, NP_112406.1, NP_031419.1	M	y	y	y
8	α-Actinin	A5044	87, 109711	Actn1, ACTN1	NP_001093.1, NP_598917.1	M	y	y	n/d
9	Actopaxin	A1226	55742, 57342	Parva, PARVA	NP_060692.1, NP_065631.3	P	y	n/d	n/d
10	AP2	A7107	7020	TFAP2A	NM_001042425, NM_003220, NM_001032280	M	y	n/d	n/d
11	β1 and β2-Adaptins	A4450	163, 140670, 162, 29663	AP2B1, Ap1b1, AP1B1, Ap2b1	NP_001273.1, NP_542150.1, NP_663782.1, NP_058973.1	M	y	n/d	y
12	I-Afadin	A0349	4301, 26955, 17356	Af6, MLLT4, Mllt4	NP_005927.2, NP_037349.1, NP_034936.1	P	y	y	y
13	AFX	A8975	4303	MLLT7	NP_005929.2	P	y	n/d	n/d
14	AFX (FOXO4)	A5854	4303	MLLT7	NP_005929.2	M	y	n/d	n/d
15	AKR1C3	A6229	8644	AKR1C3	NP_003730.4	M	y	n/d	n/d
16	Aly	A9979	10189	THOC4	NP_005773.2	M	y	n/d	n/d
17	β-Amyloid	A8354	351	APP	NP_958817.1	M	y	n/d	n/d
18	Amyloid Precursor Protein, C-Terminal	A8717	54226, 351, 11820	APP, App	NP_062161.1, NP_958817.1, NP_031497.2	P	y	y	y
19	Amyloid Precursor Protein, N-Terminal	A8967	54226, 351, 11820	APP, App	NP_062161.1, NP_958817.1, NP_031497.2	P	y	y	y
20	Amyloid Precursor Protein, KPI Domain	A8842	54226, 351, 11820	APP, App	NP_062161.1, NP_958817.1, NP_031497.2	P	y	y	y
21	Androgen Receptor	A9853	367, 24208	Ar, AR	NP_001011645.1, NP_036634.1	P	y	n/d	y
22	Annexin V	A8604	308	ANXA5	NP_001145.1	M	y	n/d	n/d
23	Annexin VII	A4475	11750, 310, 155423	Anxa7, ANXA7	NP_033804.2, NP_004025.1, NP_569100.2	M	y	y	y
24	Anti Cy3+Cy5	C0992							
25	AOP1	A7674	64371, 10935, 11757	PRDX3, Prdx3	NP_071985.1, NP_054817.2, NP_031478.1	M	y	y	y
26	AP-1	A5968	3725	JUN	NP_002219.1	P	y	n/d	n/d
27	AP-2α	A0844	7020	TFAP2A	NP_003211.1	P	y	n/d	n/d
28	AP Endonuclease	A2105	11792, 79116, 328	APEX1, Apex1	NP_033817.1, NP_077062.1, NP_542380.1	M	y	y	y
29	Apaf1, N-Terminal	A8469	317, 11783	Apaf1, APAF1	NP_863659.1, NP_033814.2	P	y	y	n/d
30	Apoptosis Inducing Factor (AIF)	A7549	26926, 9131	AIFM1, Aifm1	NP_036149.1, NP_665812.1	P	y	y	n/d
31	APRIL, Extracellular Domain	A1726	8741	TNFSF13	NP_742085.1	P	y	n/d	n/d
32	APRIL, Extracellular Domain 2	A1851	8741	TNFSF13	NP_742085.1	P	y	n/d	n/d
33	ARC, C-Terminal	A8344	8996	NOL3	NP_003937.1	P	y	n/d	n/d
34	ARNO (Cytohesin-2)	A4721	9266, 116692	Pscd2, PSCD2	NP_059431.1, NP_446363.1	M	y	n/d	y
35	Arp1α/Centractin	A5601	294010, 54130, 10121	Actr1a, ACTR1A, Actr1a_predicted	NP_001099834.1, NP_058556.1, NP_005727.1	P	y	y	y
36	ARP2	A6104	10097, 66713, 289820	ACTR2, Actr2	NP_005713.1, NP_666355.1, NP_001009268.1	M	y	y	y
37	ARP3	A5979	74117, 81732, 10096	ACTR3, Actr3	NP_076224.1, NP_112330.1, NP_005712.1	M	y	y	y
38	ARTS	A3720	5414	4-Sep	NP_536341.1	P	y	n/d	n/d
39	ARTS	A4471	5414	4-Sep	NP_536341.1	M	y	n/d	n/d
40	ASAP1/Centaurin β4	A4227	50807, 314961, 13196	DDEF1, Ddef1, Ddef1_predicted	NP_060952.2, NP_001037710.1, NP_034156.2	P	y	y	y
41	ASC-2	A5355	23054	NCOA6	NP_054790.2	M	y	n/d	n/d
42	ASPP1	A4355	21981, 23368	PPP1R13B, Ppp1r13b	NP_035755.1, NP_056131.2	M	y	y	n/d
43	ASPP2	A4480	209456, 7159	TP53BP2, Trp53bp2	NP_775554.2, NP_005417.1	M	y	y	n/d
44	ATF-1	A7833	466	ATF1	NP_005162.1	P	y	n/d	n/d
45	ATF2	A4086	1386	ATF2	NP_001871.2	P	y	n/d	n/d
46	phospho-ATF-2 (pThr ^{69,71})	A4095	81647, 11909, 1386	Atf2, ATF2	NP_112280.1, NP_033845.1, NP_001871.2	M	y	y	y
47	ATM	A6093	472	ATM	NP_612149.1	M	y	n/d	n/d
48	Anti Cy3+Cy5	C0992							
49	ATM	A6218	472	ATM	NP_612149.1	M	y	n/d	n/d
50	Aurora-B	A5102	9212, 20877, 114592	Aurkb, AURKB	NP_004208.2, NP_035626.1, NP_446201.1	P	y	y	y

51	BACE-1	B0806	23621	BACE1	NP_620429.1	P	y	n/d	n/d
52	BACH1	B1310	360588, 237911, 83990	BRIP1,Brip1,Brip1_predicted	XP_340870.3,NP_840094.1,NP_114432.1	P	y	y	y
53	BAD	B0559	12015	Bad	NP_031548.1	M	y	n/d	n/d
54	BAF57	B0436	6605, 57376	SMARCE1,Smarce1	NP_003070.3,NP_065643.1	P	y	y	n/d
55	BAK	B5897	578	BAK1	NP_001179.1	P	y	n/d	n/d
56	BAP1	B9303	8314	BAP1	NP_004647.1	M	y	n/d	n/d
57	Bax	B3428	12028, 24887, 581	BAX,Bax	NP_031553.1,NP_058755.1,NP_620120.1	P	y	n/d	n/d
58	Bax	B8429	12028, 24887, 581	BAX,Bax	NP_031553.1,NP_058755.1,NP_620120.1	M	y	y	y
59	Bax	B8554	581	BAX	NP_620120.1	M	y	n/d	n/d
60	Bax	B9054	12028	Bax	NP_031553.1	M	n/d	y	n/d
61	Bcl-10	B7806	8915	BCL10	NP_003912.1	M	y	n/d	n/d
62	Prion protein	P0110	19122, 24686, 5621	PRNP, Prnp	NP_036763.1,NP_035300.1,NP_000302.1,NP_001073591.1,NP_001073590.1,NP_001073589.1	M	y	y	y
63	Bcl-10	B0431	12042, 83477, 8915	Bcl10,BCL10	NP_033870.1,NP_112618.1,NP_003912.1	P	y	y	y
64	Seladin	S4697	1718, 74754, 298298	DHCR24,Dhcr24	NP_055577.1,NP_444502.2,NP_001073617.1	M	y	n/d	n/d
65	Bcl-2	B9804	24224, 12043	Bcl2	NP_058689.1,NP_803129.2	P	n/d	y	y
66	Bcl-2	B3170	596	BCL2	NP_000648.2	M	y	n/d	n/d
67	Bcl-x	B9304	598, 24888, 12048	Bcl2l1,BCL2L1	NP_612815.1,NP_113723.2,NP_033873.3	P	y	n/d	n/d
68	Bcl-x _L	B9429	598, 24888, 12048	Bcl2l1,BCL2L1	NP_612815.1,NP_113723.2,NP_033873.3	M	y	y	y
69	BID	B4305	637	BID	NP_932071.1	P	y	n/d	n/d
70	BID	B3183	12122	Bid	NP_031570.2	P	n/d	y	n/d
71	Bim	B7929	10018, 12125, 64547	BCL2L11,Bcl2l11	NP_996885.1,NP_997564.1,NP_741986.1	P	y	y	y
72	Anti Cy3+Cy5	C0992							
73	CDK5	C6118	12568, 1020	Cdk5, CDK5	NM_007668, NM_004935	M	y	y	n/d
74	Bmf, N-Terminal	B1684	171543, 90427	Bmf,BMF	NP_612186.2,NP_277038.1	P	y	y	n/d
75	Bmf, C-Terminal	B1559	171543, 90427	Bmf,BMF	NP_612186.2,NP_277038.1	P	y	y	n/d
76	BNIP3	B7931	664	BNIP3	NP_004043.2	M	y	n/d	n/d
77	BOB.1/OBF.1	B7810	5450, 18985	POU2AF1,Pou2af1	NP_006226.1,NP_035266.1	M	y	y	n/d
78	Brg1/hSNF2 β	B8184	6597, 20586	SMARCA4,Smarca4	NP_003063.2,NP_035547.2	P	y	n/d	n/d
79	BTK, C-Terminal	B0811	695	BTK	NP_000052.1	P	y	n/d	n/d
80	BTK, N-Terminal	B0686	695	BTK	NP_000052.1	P	y	n/d	n/d
81	BUB1	B0561	699	BUB1	NP_004327.1	M	y	n/d	n/d
82	BUBR1	B9310	701	BUB1B	NP_001202.4	M	y	n/d	n/d
83	c-Abl	A5844	25, 311860, 11350	ABL1,Abl1_mapped,Abl1	NP_009297.2,XP_231137.4,NP_033724.2	M	y	y	y
84	c-Cbl	C9603				P	y	n/d	n/d
85	c-erbB-2	E2777	2064	ERBB2	NP_004439.2	M	y	n/d	n/d
86	c-erbB-3	E8767	2065	ERBB3	NP_001973.2	M	y	n/d	n/d
87	c-erbB-4	E5900	2066	ERBB4	NP_005226.1	M	y	n/d	n/d
88	phospho-c-Jun (pSer ⁶³)	J2128	3725, 16476	JUN,Jun	NP_002219.1,NP_034721.1	P	y	y	n/d
89	phospho-c-Jun (pSer ⁷³)	J2253	3725, 16476	JUN,Jun	NP_002219.1,NP_034721.1	P	y	y	n/d
90	c-Myc	M4439	4609	MYC	NP_002458.2	M	n/d	n/d	n/d
91	c-Myc	C3956				P	n/d	n/d	n/d
92	Uvomorulin/E-Cadherin	U3254	999, 12550	CDH1,Cdh1	NP_004351.1,NP_033994.1	M	y	y	n/d
93	N-Cadherin	C2542	83501, 1000, 12558	Cdh2,CDH2	NP_112623.1,NP_001783.2,NP_031690.3	M	y	y	y
94	N-Cadherin	C2667	414745	CDH2		M	n/d	n/d	n/d
95	Pan Cadherin	C1821	116777, 83501, 999, 12550, 12558, 1	CDH1,Cdh2,Cdh1,CDH2,Cdh3,CDH3	XP_226426.4,NP_112623.1,NP_004351.1,NP_033994.1,NP_031690.3,NP_00178	M	y	y	y
96	Anti Cy3+Cy5	C0992							
97	Calbindin-D-28K	C7354	793, 83839, 12307	Calb1,CALB1	NP_004920.1,NP_114190.1,NP_033918.1	P	y	n/d	y
98	Calcineurin (α -Subunit)	C1956	29748, 5534	Ppp3r1,PPP3R1	NP_059005.1,NP_000936.1	M	y	n/d	y
99	Caldesmon	C6542	800	CALD1	NP_149347.1	M	y	n/d	n/d
100	Calmodulin	C7055	24242	Calm1	NP_114175.1	M	n/d	n/d	y
101	Calnexin	C4731	29144, 821, 12330	Canx,CANX	NP_742005.1,NP_001737.1,NP_031623.1	P	y	y	y
102	Calponin	C2687	1265, 12797, 259243, 12798, 1264, 6	Cnn1,CNN1,Cnn2,Kcnip4,CNN2	NP_958434.1,NP_034052.2,NP_852030.1,NP_031751.1,NP_001290.2,NP_11393	M	y	y	y
103	Calreticulin	C4606	811	CALR	NP_004334.1	P	y	n/d	n/d
104	Calretinin	C7479	117059, 794	CALB2,Calb2	NP_446440.1,NP_009019.1	P	y	n/d	y
105	Claspin	C7867	63967	CLSPN	NP_071394.2	P	y	n/d	n/d
106	CaM Kinase IV (CaMKIV)	C2851	814, 25050, 12326	Camk4,CAMK4	NP_001735.1,NP_036859.2,NP_033923.2	P	y	y	y
107	CaM Kinase Kinase α (CaMKK α)	C7099	25400, 815	CAMK2A,Camk2a	NP_037052.1,NP_741960.1	P	n/d	n/d	y
108	CaM Kinase II α (CaMKII α)	C6974	25400, 815, 12322	CAMK2A,Camk2a	NP_037052.1,NP_741960.1,NP_803126.1	P	y	y	y
109	CaM Kinase IV (CaMKIV)	C9973	814, 25050, 12326	Camk4,CAMK4	NP_001735.1,NP_036859.2,NP_033923.2	P	y	n/d	n/d
110	CASK/LIN2	C4856	8573	CASK	NP_003679.1	P	y	n/d	n/d
111	Casein Kinase 2 β	C3617	81650, 1460, 13001	CSNK2B,Csnk2b	NP_112283.1,NP_001311.3,NP_034105.1	M	y	y	y

112	Caspase 2	C7349	64314, 12366, 835	CASP2,Casp2	NP_071967.2,NP_031636.1,NP_116765.2	P	y	n/d	n/d
113	Caspase 3	C9598	836	CASP3	NP_116786.1	P	y	n/d	n/d
114	Caspase 3, Active	C8487	836, 12367, 25402	Casp3,CASP3	NP_116786.1,NP_033940.1,NP_037054.1	P	y	y	y
115	Caspase 4	C4481	837	CASP4	NP_150649.1	P	y	n/d	n/d
116	Caspase 4	C3392	837	CASP4	NP_150649.1	M	y	n/d	n/d
117	Caspase 5	C6979	838	CASP5	NP_004338.1	M	y	n/d	n/d
118	Caspase 6	C7599	839	CASP6	NP_116787.1	P	y	n/d	n/d
119	Caspase 7	C7724	840	CASP7	NP_203126.1	P	y	n/d	n/d
120	Anti Cy3+Cy5	C0992							
121	Caspase 7	C1104	840	CASP7	NP_203126.1	M	y	n/d	n/d
122	Caspase 8	C3101	841	CASP8	NP_203522.1	P	y	n/d	n/d
123	Caspase 8	C2976	841	CASP8	NP_203522.1	P	y	n/d	n/d
124	Caspase 8	C4106	841	CASP8	NP_203522.1	M	y	n/d	n/d
125	Pro-Caspase 8	C7849	841	CASP8	NP_203522.1	P	y	n/d	n/d
126	Caspase 9	C7729	842, 58918	Casp9,CASP9	NP_127463.1,NP_113820.1	P	y	n/d	y
127	Caspase 9	C4356	842	CASP9	NP_127463.1	M	y	n/d	n/d
128	Caspase 10	C8351	843	CASP10	NP_116759.2	P	y	n/d	n/d
129	Caspase 10	C1229	843	CASP10	NP_116759.2	M	y	n/d	n/d
130	Caspase 11	C1354	12363	Casp4	NP_031635.2	M	n/d	y	n/d
131	Caspase 12	C7611	12364, 156117	Casp12	NP_033938.3,NP_569106.1	M	y	y	n/d
132	Caspase 13 (ERICE)	C8854				P	y	y	y
133	Catalase	C0979	847, 24248, 12359	CAT,Cat	NP_001743.1,NP_036652.1,NP_033934.2	M	y	y	y
134	α -E-Catenin	C8114	1495, 307505	CTNNA1,Catna1	NP_001894.2,NP_001007146.1	P	y	n/d	y
135	α -N-Catenin	C8239	12386	Ctnna2	NP_663785.2	P	n/d	y	n/d
136	α -Catenin	C2081	12385, 1495, 307505	Ctnna1,CTNNA1,Catna1	NP_033948.1,NP_001894.2,NP_001007146.1	P	n/d	n/d	n/d
137	β -Catenin	C7207	1499	CTNNB1	NP_001895.1	M	y	n/d	n/d
138	β -Catenin	C7082	1499	CTNNB1	NP_001895.1	M	y	n/d	n/d
139	phospho- β -Catenin (pThr ⁴¹)	C8616	1499	CTNNB1	NP_001895.1	M	y	n/d	n/d
140	phospho- β -Catenin (pSer ³³ /pSer ³⁷)	C4231	12387, 1499, 84353	Ctnnb1,CTNNB1	NP_031640.1,NP_001895.1,NP_445809.2	M	y	y	y
141	phospho- β -Catenin (pSer ⁴⁵)	C5615	12387, 1499, 84353	Ctnnb1,CTNNB1	NP_031640.1,NP_001895.1,NP_445809.2	M	y	y	y
142	phospho- β -Catenin (pSer ³³)	C2363	1499	CTNNB1	NP_001895.1	M	y	n/d	n/d
143	δ -Catenin/NPRAP	C4864	18163, 1501	Ctnnd2,CTNND2	NP_032755.2,NP_001323.1	P	n/d	y	y
144	Anti Cy3+Cy5	C0992							
145	Cathepsin D	C0715	1509	CTSD	NP_001900.1	M	y	n/d	n/d
146	Cathepsin L	C2970	1514, 13039, 25697	Ctsl,CTSL	NP_666023.1,NP_034114.1,NP_037288.1	M	y	y	y
147	Caveolin-1	C3237	12389, 857, 25404	CAV1,Cav1,Cav	NP_031642.1,NP_001744.2,NP_598412.1	P	y	y	y
148	CD40	C5987	958	CD40	NP_690593.1	M	y	n/d	n/d
149	Cdc14A	C2238	8556	CDC14A	NP_201570.1	M	y	n/d	n/d
150	Cdc25c	C0349	995	CDC25C	NP_073720.1	M	y	n/d	n/d
151	Cdc25A	C9479	993	CDC25A	NP_963861.1	M	y	n/d	n/d
152	Cdc27	C7104	360643, 996, 217232	Cdc27,CDC27	NP_001019964.1,NP_001247.2,NP_663411.2	M	y	y	y
153	Cdc6	C0224	990	CDC6	NP_001245.1	M	y	n/d	n/d
154	Cdc7 Kinase	C6613	8317	CDC7	NP_003494.1	M	y	n/d	n/d
155	Cdh1	C7855	51343	FZR1	NP_057347.2	M	y	n/d	n/d
156	Cdk1 ^{p34cdc2}	C4973	983, 12534	Cdc2a,CDC2	NP_203698.1,NP_031685.2	P	y	y	n/d
157	Cdk3	C9987	69681, 1018	CDK3,Cdk3	NP_081441.1,NP_001249.1	P	y	y	y
158	Cdk4	C8218	12567, 94201, 1019	Cdk4,CDK4	NP_034000.1,NP_446045.1,NP_000066.1	M	y	y	y
159	Cdk6	C8343	114483, 12571, 1021	CDK6,Cdk6	XP_342639.2,NP_034003.1,NP_001250.1	M	y	y	y
160	Cdk-7/cak	C7089	1022	CDK7	NP_001790.1	M	y	n/d	n/d
161	TBP	T1827	6908, 21374, 117526	TBP	NP_003185.1,NP_038712.3,NP_001004198.1	M	y	n/d	n/d
162	CENP-E	C7488	1062	CENPE	NP_001804.2	P	y	n/d	n/d
163	Centrin	C7736	1068	CETN1	NP_004057.1	P	y	n/d	n/d
164	Chk1	C9358	1111	CHEK1	NP_001265.1	P	y	n/d	n/d
165	Chk2	C9108	11200	CHEK2	NP_665861.1	M	y	n/d	n/d
166	Chk2	C9233	11200	CHEK2	NP_665861.1	M	y	n/d	n/d
167	Chondroitin Sulfate	C8035	11595, 58968, 176	AGC1,Agc1	NP_031450.2,NP_071526.1,NP_037359.2	M	y	y	y
168	Anti Cy3+Cy5	C0992							
169	Ciliated Cell Marker	C5867				M	y	n/d	n/d
170	CIN85	C8116	84357, 58194, 30011	Sh3kbp1,SH3KBP1	NP_445812.1,NP_067364.2,NP_114098.1	P	y	y	y
171	Casein Kinase 2 α	C5367	1457, 12995, 116549	Csnk2a1,Csnk2A1,CSNK2a1	NP_808228.1,NP_031814.2,NP_446276.1	M	y	y	y
172	Claithrin Light Chain	C1985	12757, 1211, 116561, 1212, 83800, 7	Cltb,CLTA,CIta,CLTB	NP_058040.2,NP_009027.1,NP_446287.1,NP_009028.1,NP_114180.1,NP_08314	M	y	y	y

173	Clathrin Heavy Chain	C1860	67300, 54241, 1213	CLTC,Cltc	NP_001003908.1,NP_062172.1,NP_004850.1	M	y	y	y
174	CNPase	C5922	1267, 25275, 12799	Cnp1,CNP	NP_149124.3,NP_036941.1,NP_034053.1	M	y	y	y
175	Cofilin	C8736	366624, 29271, 12631, 12632, 1073,	CFL2,Cfl1,Cfl2_predicted,Cfl2,CFL1	NP_001102452.1,NP_058843.1,NP_031713.1,NP_031714.1,NP_619579.1,NP_00	P	y	y	y
176	Coilin	C1862	8161	COIL	NP_004636.1	M	y	n/d	n/d
177	Collagen, Type IV	C1926	1287, 1282, 1285, 1288, 1286	COL4A4,COL4A6,COL4A3,COL4A1,COL4A5	NP_203700.1,NP_001836.2,NP_112734.2,NP_378667.1,NP_000083.3	M	y	n/d	n/d
178	Connexin 32	C3470	29584, 2705, 14618	Gjb1,GJB1	NP_058947.1,NP_001091111.1,NP_032150.2	P	y	y	y
179	Negative Control	NA							
180	Connexin- 32	C6344	29584, 2705, 14618, 2706, 24392	Gja1,Gjb1,GJB2,GJB1	NP_058947.1,NP_001091111.1,NP_032150.2,NP_003995.2,NP_036699.1	M	y	y	y
181	Connexin- 43	C8093	14609, 2697, 24392, 2698	Gja1,GJA1P1,GJA1	NP_034418.1,NP_000156.1,NP_036699.1,-	M	y	y	y
182	Connexin- 43	C6219	14609, 2697, 24392	Gja1,GJA1	NP_034418.1,NP_000156.1,NP_036699.1	P	y	y	y
183	β -COP	G6160	114023, 1315	Copb1,COPB1	NP_542959.1,NP_057535.1	M	y	n/d	y
184	Cortactin	C6987	2017, 60465, 13043	CTTN,Ctn	NP_612632.1,NP_068640.2,NP_031829.2	P	y	y	y
185	Corticotropin Releasing Factor	C5348	1392, 12918, 81648	Crh,CRH	NP_000747.1,NP_991338.1,NP_112281.1	P	y	y	y
186	COX II	C9354	5743	PTGS2	NP_000954.1	M	y	n/d	n/d
187	Crk-L	C0978	1399, 12929	CRKL,Crkl	NP_005198.1,NP_031790.2	P	y	y	n/d
188	Crk II	C0853	12928, 1398	Crk,CRK	NP_598417.2,NP_058431.2	P	y	y	n/d
189	Csk	C7863	1445, 12988, 315707	Csk,CSK	NP_004374.1,NP_031809.2,NP_001025210.1	P	y	n/d	y
190	CtBP1, N-Terminal	C9491	13016, 1487	CTBP1,Ctbp1	NP_038530.1,NP_001319.1	P	y	y	n/d
191	CtBP1, C-Terminal	C8741	13016, 1487, 29382	CTBP1,Ctbp1	NP_038530.1,NP_001319.1,NP_062074.2	P	y	y	n/d
192	Anti Cy3+Cy5	C0992							
193	CUG-BP1	C5112	10658, 362160, 13046	CUGBP1,Cugbp1	NP_941989.1,NP_001020592.1,NP_941955.1	M	y	y	y
194	Cyclin A	C4710	12428, 890	Ccna2,CCNA2	NP_033958.2,NP_001228.1	M	y	y	n/d
195	Cyclin B ₁	C8831	268697, 891	CCNB1,Ccnb1	NP_758505.2,NP_114172.1	P	y	y	n/d
196	Cyclin D ₁	C5588	595, 58919	Ccnd1,CCND1	NP_444284.1,NP_741989.3	P	y	n/d	y
197	Cyclin D ₁	C7464	595, 58919, 12443	Ccnd1,CCND1	NP_444284.1,NP_741989.3,NP_031657.1	M	y	y	n/d
198	Cyclin D ₂	C7339	894, 12444	Ccnd2,CCND2	NP_001750.1,NP_033959.1	M	y	y	n/d
199	Cyclin D ₃	C7214	12445, 25193, 896	CCND3,Ccnd3	NP_031658.1,NP_036898.1,NP_001751.1	M	y	y	y
200	Cyclin H	C5351	902	CCNH	NP_001230.1	P	y	n/d	n/d
201	Cystatin A	C3095	1475	CSTA	NP_005204.1	M	y	n/d	n/d
202	Cytohesin-1	C8979	9267	PSCD1	NP_059430.2	M	y	n/d	n/d
203	Cytokeratin peptide 4	C5176	3851	KRT4	NP_002263.2	M	y	n/d	n/d
204	Cytokeratin CK5	C7785	3875	KRT18	NP_954657.1	M	y	n/d	n/d
205	Cytokeratin peptide 7	C6417	3855	KRT7	NP_005547.3	M	y	n/d	n/d
206	Cytokeratin 8.12	C7034	3866, 3860, 3868	KRT15,KRT16,KRT13	NP_002266.2,NP_705694.2,NP_005548.2	M	y	n/d	n/d
207	Cytokeratin 8.13	C6909	3852, 3855, 3856, 3854, 3848, 3858,	KRT6B,KRT10,KRT18,KRT5,KRT6A,KRT8,KF	NP_000415.2,NP_005547.3,NP_002264.1,NP_005546.2,NP_006112.3,NP_00041	M	y	n/d	n/d
208	Cytokeratin peptide 13	C0791	3860	KRT13	NP_705694.2	M	y	n/d	n/d
209	Cytokeratin Peptide 17	C9179	3872	KRT17	NP_000413.1	M	y	n/d	y
210	Cytokeratin peptide 18	C1399	3875	KRT18	NP_954657.1	M	y	n/d	n/d
211	Cytokeratin peptide 19	C6930	3880	KRT19	NP_002267.2	M	y	n/d	n/d
212	Pan Cytokeratin	P2871				M	y	y	y
213	DAPK	D2178	1611	DAP	NP_004385.1	M	y	n/d	n/d
214	phospho-DAPK (pSer ³⁰⁸)	D4941	1612	DAPK1	NP_004929.2	M	y	n/d	n/d
215	DAP Kinase 2	D3191	23604, 13143, 300799	DAPK2,Dapk2	NP_055141.2,NP_034149.2,NP_001013127.1	P	y	y	y
216	Anti Cy3+Cy5	C0992							
217	Daxx	D7810	13163, 1616	DAXX,Daxx	NP_031855.3,NP_001341.1	P	y	n/d	n/d
218	DcR1	D3566	8794	TNFRSF10C	NP_003832.2	P	y	y	y
219	DcR2	D3188	8793	TNFRSF10D	NP_003831.2	P	y	n/d	n/d
220	DcR3	D1814	8771, 497118	TNFRSF6B,Dcr3	NP_116563.1	P	y	y	y
221	DEDAF	D3316	56353, 312603, 23429	Rybp_predicted,Rybp,RYBP	NP_062717.2,NP_001101349.1,NP_036366.3	P	y	y	y
222	Desmin	D1033	13346, 64362	Des	NP_034173.1,NP_071976.1	M	n/d	y	y
223	Desmosomal Protein	D1286	1825, 1828, 1824, 1823	DSC1,DSC3,DSC2,DSG1	NP_077741.2,NP_001933.2,NP_077740.1,NP_077739.1	M	y	n/d	n/d
224	Destrin/ADF	D8940	56431, 296197, 11034	Dstn_predicted,Dstn,DSTN	NP_062745.1,XP_215862.3,NP_006861.1	P	y	y	y
225	Dnase I	D0188	282217	DNASE1		P	n/d	n/d	n/d
226	Dnase II	D1689	1777	DNASE2	NP_001366.1	P	y	n/d	n/d
227	DNMT1	D4567	13433, 1786	Dnmt1,DNMT1	NP_034196.3,NP_001370.1	P	y	y	y
228	DNMT1	D4692	1786	DNMT1	NP_001370.1	P	y	y	n/d
229	DOPA Decarboxylase	D0180	1644, 24311	DDC,Ddc	NP_001076440.1,NP_036677.1	M	y	n/d	y
230	DP2	D7438	7029	TFDP2	NP_006277.1	M	y	n/d	n/d
231	DR3	D3563	8718	TNFRSF25	NP_683871.1	P	y	n/d	n/d
232	Negative Control	NA							
233	DR4	D3813	8797	TNFRSF10A	NP_003835.2	P	y	n/d	n/d

234	DR5	D3938	8795	TNFRSF10B	NP_671716.1	P	y	n/d	n/d
235	DR6	D1564	27242	TNFRSF21	NP_055267.1	P	y	n/d	n/d
236	DRAK1	D1314	9263	STK17A	NP_004751.2	P	y	y	y
237	Dystrophin	D8168	24907, 1756, 13405	DMD,Dmd	NP_036830.2,NP_004014.1,NP_031894.1	M	y	y	y
238	Dystrophin	D8043	24907, 1756, 13405	DMD,Dmd	NP_036830.2,NP_004014.1,NP_031894.1	M	y	y	y
239	E2F1	E9026	1869	E2F1	NP_005216.1	P	y	n/d	n/d
240	Anti Cy3+Cy5	C0992							
241	E2F1	E8901	399489, 13555, 1869	E2F1,E2f1	XP_230765.4,NP_031917.1,NP_005216.1	M	y	y	y
242	E2F2	E8776	1870	E2F2	NP_004082.1	M	y	n/d	n/d
243	E2F3	E8651	1871	E2F3	NP_001940.1	M	y	n/d	n/d
244	E2F4	E8526	1874	E2F4	NP_001941.2	M	y	n/d	n/d
245	E6AP	E8655	1876, 313978, 50496	E2f6,E2F6	-,XP_233986.2,NP_150373.1	M	y	y	y
246	EGF receptor	E3138	1956	EGFR	NP_958441.1	M	y	n/d	n/d
247	ERK5 (Big MAPK-BMK1)	E1523	23939, 5598	Mapk7,MAPK7	NP_035971.1,NP_620603.1	P	y	y	n/d
248	Elastin	E4013	2006	ELN	NP_001075224.1	M	y	n/d	n/d
249	ELKS	E4531	111173, 23085	Erc1,ERC1	NP_835186.1,NP_829884.1	M	y	y	y
250	Endothelial Cell Protein C Receptor	E6280	10544	PROCR	NP_006395.2	M	y	n/d	n/d
251	Endothelial Cells	E9653				M	y	n/d	n/d
252	Endothelin	E0771	24323, 1906	Edn1,EDN1	NP_036680.1,NP_001946.3	M	y	n/d	y
253	Epidermal Growth Factor	E2520	1950	EGF	NP_001954.1	M	y	n/d	n/d
254	Episialin (EMA)	E0143	4582	MUC1	NP_002447.4	M	y	n/d	n/d
255	ERP57	E5031	2923, 14827	PDIA3,Pdia3	NP_005304.3,NP_031978.2	M	y	y	n/d
256	Estrogen Receptor	E0521	2099	ESR1	NP_000116.2	P	y	n/d	n/d
257	Estrogen Receptor	E1396	2099	ESR1	NP_000116.2	P	y	n/d	n/d
258	Exportin T	E1531	73192, 314879, 11260	Xpot,XPOT,Xpot_predicted	NP_001074525.1,NP_001101572.1,NP_009166.2	M	y	y	y
259	Ezrin	E8897	7430, 22350, 54319	VIL2,Vil2	NP_003370.2,NP_033536.2,NP_062230.1	M	y	y	y
260	F1A	F3428	10116, 14155, 315745	Fem1b,FEM1B,Fem1b_predicted	NP_056137.1,NP_034323.1,NP_001101627.1	P	y	y	y
261	FADD	F8053	8772	FADD	NP_003815.1	M	y	n/d	n/d
262	Focal Adhesion Kinase (pp125 ^{FAK})	F2918	14083, 5747, 25614	PTK2,Plk2	NP_032008.1,NP_722560.1,NP_037213.1	P	y	y	y
263	FAK Phospho (pSer ⁷⁷²)	F9051	14083, 5747, 25614	PTK2,Plk2	NP_032008.1,NP_722560.1,NP_037213.1	P	y	y	y
264	Anti Cy3+Cy5	C0992							
265	phospho-FAK Phospho (pSer ⁸¹⁰)	F9301	14083, 5747, 25614	PTK2,Plk2	NP_032008.1,NP_722560.1,NP_037213.1	P	y	y	y
266	phospho-FAK (pTyr ³⁹⁷)	F7926	14083, 5747, 25614	PTK2,Plk2	NP_032008.1,NP_722560.1,NP_037213.1	P	y	y	y
267	phospho-FAK (pTyr ⁵⁷⁷)	F8926	14083, 5747	PTK2,Plk2	NP_032008.1,NP_722560.1	P	y	y	n/d
268	Falkor/PHD1	F5303	112406	Egln2	NP_444438.2	M	n/d	y	n/d
269	Fas (CD95/Apo-1)	F4424	355	FAS	NP_690616.1	M	y	n/d	n/d
270	Fas Ligand	F2051	356	FASLG	NP_000630.1	M	y	n/d	n/d
271	Fas Ligand	F1926	356	FASLG	NP_000630.1	M	y	n/d	n/d
272	FBI-1/PAKEMON	F9429	51341	ZBTB7A	NP_056982.1	P	y	y	y
273	Fibroblast Growth Factor-9	F1672	2254, 14180	Fgf9,FGF9	NP_002001.1,NP_038546.2	M	y	y	n/d
274	Fibronectin	F0791	2335	FN1	NP_997647.1	M	y	n/d	n/d
275	Fibronectin	F3648	2335	FN1	NP_997647.1	P	y	n/d	n/d
276	Fibronectin	F7387	2335, 14268	Fn1,FN1	NP_997647.1,NP_034363.1	M	y	y	n/d
277	Filamin	F1888	395260	LOC395260		M	n/d	n/d	n/d
278	Filensin	F1043	631	BFSP1	NP_001186.1	M	y	y	n/d
279	FKHR (FOXO1a)	F6928	2308	FOXO1A	NP_002006.2	M	y	n/d	n/d
280	FKHRL1 (FOXO3a)	F2178	2309, 56484	Foxo3a,FOXO3A	NP_963853.1,NP_062714.1	P	y	y	n/d
281	FKHRL1 (FOXO3a)	F1304	2309	FOXO3A	NP_963853.1	M	y	n/d	n/d
282	FLIPy/δ, C-Terminal	F9925	12633, 8837	Cflar,CFLAR	NP_997536.1,NP_003870.3	P	y	y	n/d
283	FOXC2	F1054	14234, 2303	Foxc2,FOXC2	NP_038547.2,NP_005242.1	P	y	y	n/d
284	FOXP2	F6304	93986, 114142	Foxp2,FOXP2	NP_683697.1,NP_997600.1	P	y	y	y
285	FANCD2	F0305	2177	FANCD2	NP_149075.2	P	y	y	y
286	FXR2	F1554	9513	FXR2	NP_004851.1	M	y	n/d	n/d
287	FRS2 (SNT-1)	F9052	314850, 10818, 327826	Frs2,FRS2,Frs2_predicted	XP_235164.2,NP_006645.3,NP_808466.1	P	y	y	y
288	Anti Cy3+Cy5	C0992							
289	G9a Methyltransferase	G6919	10919, 110147	EHMT2,Ehmt2	NP_079532.5,NP_671493.1	P	y	n/d	n/d
290	Glutamic Acid Decarboxylase 65 (GAD 65)	G4913	2572, 14417, 24380	Gad2,GAD2	NP_000809.1,NP_032104.2,NP_036695.1	P	y	y	y
291	Glutamic Acid Decarboxylase 65 (GAD 65)	G5038	2572, 14417, 24380	Gad2,GAD2	NP_000809.1,NP_032104.2,NP_036695.1	P	y	y	y
292	Glutamic Acid Decarboxylase (GAD65/67)	G5163	2572, 14417, 24380	Gad2,GAD2	NP_000809.1,NP_032104.2,NP_036695.1	P	y	y	y
293	GADD 153 (CHOP-10)	G6916	29467, 1649	Ddit3,DDIT3	NP_077048.2,NP_004074.2	P	y	y	n/d
294	GAP1 ^{IP4BP}	G6666	22821	RASA3	NP_031394.2	M	y	n/d	n/d

295	GAPDH	G8795	2597, 407972, 24383	GAPDH,Gapdh	NP_002037.2,,NP_058704.1	M	y	y	y
296	GATA-1	G0290	2623	GATA1	NP_002040.1	P	y	n/d	n/d
297	Gelsolin	G4896	2934	GSN	NP_937895.1	M	y	n/d	n/d
298	Gemin 2	G6669	8487, 66603, 84404	SIP1,Sip1	NP_003607.1,NP_079932.2,NP_445841.1	M	y	y	y
299	Gemin 3	G6544	11218	DDX20	NP_009135.3	M	y	n/d	n/d
300	GFAP (Glial Fibrillary Acidic Protein)	G9269	2670, 24387	Gfap,GFAP	NP_002046.1,NP_058705.2	P	y	n/d	y
301	GFAP (Glial Fibrillary Acidic Protein)	G3893	2670, 24387	Gfap,GFAP	NP_002046.1,NP_058705.2	M	y	n/d	y
302	Growth Factor Independence-1 (GFI)	G6670	24388, 14581, 2672	GF1,Gfi1	NP_036698.1,NP_034408.1,NP_005254.2	M	y	y	y
303	Glutamate receptor NMDAR 2a	G9038	24409, 2903, 14811	GRIN2A,Grin2a	NP_036705.3,NP_000824.1,NP_032196.2	P	y	y	y
304	Glutamine Synthetase	G2781	14645, 2752, 24957	Glui,GLUL	NP_032157.2,NP_002056.2,NP_058769.4	P	n/d	n/d	y
305	Glycogen Synthase Kinase-3β (GSK-3β)	G7914	84027, 2932	Gsk3b,GSK3B	NP_114469.1,NP_002084.2	P	y	n/d	y
306	Glycogen Synthase Kinase-3 (GSK-3)	G4414	84027, 2932, 606496, 2931, 50686, 5	Gsk3b,GSK3A,Gsk3a,GSK3B	NP_114469.1,NP_002084.2,NP_001026837.1,NP_063937.2,NP_059040.1,NP_06	M	y	y	y
307	Glycogen Synthase Kinase-3 (GSK-3)	G6414	84027, 2932, 56637	Gsk3b,GSK3B	NP_114469.1,NP_002084.2,NP_062801.1	M	y	y	y
308	Granzyme B	G1044	3002	GZMB	NP_004122.1	M	y	n/d	n/d
309	Grb-2	G2791	2885, 14784, 81504	Grb2,GRB2	NP_987102.1,NP_032189.1,NP_110473.2	M	y	y	y
310	GRK 2	G7670	25238	Adrbk1	NP_036908.1	M	n/d	n/d	y
311	GRP1	G6541	116693, 9265	PSCD3,Pscd3	NP_446364.2,NP_004218.1	M	y	n/d	y
312	Anti Cy3+Cy5	C0992							
313	GRP 75	G4170	3313, 15526	HSPA9,Hspa9	NP_004125.3,NP_034611.2	P	y	y	y
314	GRP78/BiP	G8918	14828, 3309	Hspa5,HSPA5	NP_071705.2,NP_005338.1	P	y	y	n/d
315	GRP94	G4420	22027, 7184, 298957	HSP90B1,Hsp90b1,Tra1	NP_035761.1,NP_003290.1,	P	y	y	n/d
316	hABH1	A8103	8846	ALKBH1	NP_006011.2	M	y	n/d	n/d
317	hABH2	A8228	121642	ALKBH2	NP_001001655.1	M	y	n/d	n/d
318	hABH3	A8353	69113, 221120, 362169	Alkbh3,ALKBH3	NP_081220.1,NP_631917.1,NP_001014202.1	M	y	y	y
319	hBRM/hSNF2α	H9787	6595	SMARCA2	NP_620614.2	P	y	n/d	n/d
320	HAT1 (Histone acetyltransferase 1)	H7161	8520	HAT1	NP_003633.1	P	y	y	n/d
321	HDAC-1	H3284	3065, 433759	HDAC1,Hdac1	NP_004955.2,NP_032254.1	P	y	y	y
322	HDAC-1	H6287	3065, 433759	HDAC1,Hdac1	NP_004955.2,NP_032254.1	M	y	y	n/d
323	HDAC-2	H3159	15182, 3066	Hdac2,HDAC2	NP_032255.2,NP_001518.2	P	y	y	y
324	HDAC-2	H2663	15182, 84577, 3066	Hdac2,HDAC2	NP_032255.2,XP_342150.2,NP_001518.2	M	y	y	y
325	HDAC-3	H6537	15183, 8841	Hdac3,HDAC3	NP_034541.2,NP_003874.2	M	y	y	n/d
326	HDAC-3	H3034	15183, 8841, 84578	Hdac3,HDAC3	NP_034541.2,NP_003874.2,NP_445900.1	P	y	y	y
327	HDAC-4	H9411	208727, 84579, 9759	HDAC4,Hdac4	NP_997108.1,,NP_006028.2	P	y	y	y
328	HDAC-4	H9536	208727, 84579, 9759	HDAC4,Hdac4	NP_997108.1,,NP_006028.2	P	y	y	y
329	Negative Control	NA							
330	HDAC-5	H4538	84580, 10014, 15184	Hdac5,HDAC5	XP_001081495.1,NP_005465.2,NP_034542.3	M	y	y	y
331	HDAC-5	H8163	84580, 10014, 15184	Hdac5,HDAC5	XP_001081495.1,NP_005465.2,NP_034542.3	P	y	y	y
332	HDAC-6	H2287	15185, 10013	HDAC6,Hdac6	NP_034543.2,NP_006035.2	P	y	y	n/d
333	HDAC-7	H2537	84582, 56233, 51564	HDAC7A,Hdac7a	XP_345869.2,NP_062518.2,NP_057680.3	P	y	y	y
334	HDAC-7	H6663	56233, 51564	HDAC7A,Hdac7a	NP_062518.2,NP_057680.3	M	y	y	n/d
335	HDAC-8	H6412	55869	HDAC8	NP_060956.1	M	y	n/d	n/d
336	Anti Cy3+Cy5	C0992							
337	HDAC-10	H3413	362981, 83933, 170787	Hdac10,HDAC10	XP_001073452.1,NP_114408.3,NP_954668.1	P	y	y	y
338	HDAC-11	H2913	232232, 297453, 79885	HDAC11,Hdac11_predicted,Hdac11	NP_659168.1,NP_001100080.1,NP_079103.1	M	y	n/d	n/d
339	HDRP/MITR	H9163	79221, 9734	HDAC9,Hdac9	NP_077038.2,NP_848512.1	P	y	y	n/d
340	Heat Shock Factor 1	H4163	79245, 15499, 3297	HSF1,Hsf1	XP_001075095.1,NP_032322.1,NP_005517.1	P	y	y	y
341	Heat Shock Factor 2	H6788	64441, 3298, 15500	HSF2,Hsf2	NP_113882.1,NP_004497.1,NP_032323.2	P	y	n/d	y
342	Heat Shock Protein 25	H0148	24471, 3315, 15507	HSPB1,Hspb1	NP_114176.3,NP_001531.1,NP_038588.2	M	y	y	y
343	Heat Shock Protein 27	P1498	24471, 3315, 15507	HSPB1,Hspb1	NP_114176.3,NP_001531.1,NP_038588.2	P	y	n/d	n/d
344	Heat Shock Protein 27/25	H2289	24471, 3315, 15507	HSPB1,Hspb1	NP_114176.3,NP_001531.1,NP_038588.2	P	y	y	y
345	Heat Shock Protein 70	H5147	24472, 3303, 294254, 3304	HSPA1B,Hspa1b_mapped,Hspa1a,HSPA1A	NP_114177.1,NP_005336.2,NP_997669.1,NP_005337.1	M	y	n/d	y
346	Heat Shock Protein 90	H1775	3320, 15519, 15516, 3326	Hsp90aa1,Hsp90ab1,HSP90AB1,HSP90AA1	NP_005339.3,NP_034610.1,NP_032328.2,NP_031381.2	M	y	y	y
347	Heat Shock Protein 110	H7412	266759, 15505	Hspa4,Hsp110	NP_705893.1,NP_038587.2	P	y	y	y
348	Heat Shock Protein 110	H7287	15505	Hsp110	NP_038587.2	P	n/d	y	y
349	Acetyl Histone H3 (Ac-Lys ⁹)	H9286	8968, 8352, 319150, 126961, 97908,	Hist1h3h,HIST2H3C,HIST1H3A,Hist1h3e,Hist	NP_066298.1,NP_003522.1,NP_835510.1,NP_066403.2,NP_659539.1,NP_44643	P	y	y	n/d
350	Acetyl Histone H3 (Ac-Lys ⁹)	H0913	8968, 8352, 319150, 126961, 97908,	Hist1h3h,HIST2H3C,HIST1H3A,Hist1h3e,Hist	NP_066298.1,NP_003522.1,NP_835510.1,NP_066403.2,NP_659539.1,NP_44643	M	y	y	n/d
351	Acetyl- & phospho-Histone H3 (Ac-Lys ⁹ , Ser ¹⁰)	H9161	8968, 8352, 319150, 126961, 97908,	Hist1h3h,HIST2H3C,HIST1H3A,Hist1h3e,Hist	NP_066298.1,NP_003522.1,NP_835510.1,NP_066403.2,NP_659539.1,NP_44643	P	y	y	n/d
352	Acetyl- & phospho-Histone H3 (Ac-Lys ⁹ , Ser ¹⁰)	H0788	8968, 8352, 319150, 126961, 97908,	Hist1h3h,HIST2H3C,HIST1H3A,Hist1h3e,Hist	NP_066298.1,NP_003522.1,NP_835510.1,NP_066403.2,NP_659539.1,NP_44643	M	y	n/d	n/d
353	Dimethyl Histone H3 (diMe-Lys ⁴)	D5692	8968, 8352, 319150, 126961, 97908,	Hist1h3h,HIST2H3C,HIST1H3A,Hist1h3e,Hist	NP_066298.1,NP_003522.1,NP_835510.1,NP_066403.2,NP_659539.1,NP_44643	P	y	y	n/d
354	Dimethyl Histone H3 (diMe-Lys ⁹)	D5667	8968, 8352, 319150, 126961, 97908,	Hist1h3h,HIST2H3C,HIST1H3A,Hist1h3e,Hist	NP_066298.1,NP_003522.1,NP_835510.1,NP_066403.2,NP_659539.1,NP_44643	P	y	n/d	n/d

355	methyl-Histone H3 (Me-Lys ⁹)	H7162	8968, 8352, 319150, 126961, 97908,	Hist1h3h,HIST2H3C,HIST1H3A,Hist1h3e,Hist	NP_066298.1,NP_003522.1,NP_835510.1,NP_066403.2,NP_659539.1,NP_44643	P	y	n/d	n/d
356	phospho-Histone H2AX (pSer ¹³⁹)	H5912	15270, 3014	H2AFX,H2afx	NP_034566.1,NP_002096.1	P	y	y	n/d
357	phospho-Histone H3 (pSer ¹⁰)	H6409	8968, 8352, 126961, 8351, 8358, 302	HIST1H3D,HIST2H3C,HIST1H3H,HIST1H3A,	NP_066298.1,NP_003522.1,NP_066403.2,NP_003521.2,NP_003528.1,NP_00531	M	y	n/d	n/d
358	phospho-Histone H3 (pSer ²⁸)	H9908	8968, 8352, 319150, 126961, 97908,	Hist1h3h,HIST2H3C,HIST1H3A,Hist1h3e,Hist	NP_066298.1,NP_003522.1,NP_835510.1,NP_066403.2,NP_659539.1,NP_83558	M	y	y	n/d
359	phospho-Histone H3 (pSer ¹⁰)	H0412	8968, 8352, 319150, 126961, 97908,	Hist1h3h,HIST2H3C,HIST1H3A,Hist1h3e,Hist	NP_066298.1,NP_003522.1,NP_835510.1,NP_066403.2,NP_659539.1,NP_44643	P	y	n/d	n/d
360	Anti Cy3+Cy5	C0992							
361	SUV39H1 Histone Methyl Transferase	S8316	20937, 6839	Suv39h1,SUV39H1	NP_035644.1,NP_003164.1	M	y	y	n/d
362	HMG-1	H9537	3146, 15289, 25459	Hmgb1,HMGB1	NP_002119.1,NP_034569.1,NP_037095.1	M	y	y	y
363	hMps1	M5818	7272	TTK	NP_003309.2	M	y	n/d	n/d
364	hnRNP-A1	R4528	3178, 15382, 29578	HNRPA1,Hnrpa1	NP_112420.1,NP_034577.1,NP_058944.1	M	y	y	y
365	hnRNP-A1	R9778	3178	HNRPA1	NP_112420.1	M	y	n/d	n/d
366	hnRNP-A2/B1	R4653	3181, 53379, 362361	HNRPA2B1,Hnrpa2b1,Hnrpa2b1_predicted	NP_112533.1,NP_872591.1,NP_001098083.1	M	y	y	y
367	hnRNP-C1/C2	R5028	3183	HNRPC	NP_112604.2	M	y	n/d	n/d
368	hnRNP-K/J	R8903	3190	HNRPK	NP_112553.1	M	y	n/d	n/d
369	hnRNP-L	R4903	3191, 15388	HNRPL,Hnrpl	NP_001524.2,NP_796275.2	M	y	y	n/d
370	hnRNP-Q	R5653				M	y	y	y
371	hnRNP-U	R6278	3192	HNRPU	NP_114032.2	M	y	n/d	n/d
372	hnRNP M3-M4	R3777	76936, 116655, 4670	HNRPM,Hnrpm	NP_084080.1,NP_446328.2,NP_112480.2	M	y	y	y
373	hPlk1	P5998	5347, 25515, 18817	PLK1,Plk1	NP_005021.2,NP_058796.1,NP_035251.3	M	y	y	y
374	hPlk1	P6123	5347, 25515, 18817	PLK1,Plk1	NP_005021.2,NP_058796.1,NP_035251.3	M	y	y	y
375	hSNF5/INI1	H9912	20587, 6598	Smcarb1,SMARCB1	NP_035548.1,NP_003064.2	P	y	n/d	n/d
376	iASPP	A4605	10848, 333654	Ppp1r13l,PPP1R13L	NP_006654.2,NP_001010836.1	M	y	y	n/d
377	IFI-16	I1659	3428	IFI16	NP_005522.2	M	y	n/d	n/d
378	IκBα	I0505	18035, 4792, 25493	Nfkbia,NFKBIA	NP_035037.1,NP_065390.1,NP_001099190.2	P	y	y	y
379	IKKα	I6139	1147, 12675	Chuk,CHUK	NP_001269.3,NP_031726.1	P	y	n/d	n/d
380	ILK	I0783	170922, 3611, 16202	Ilk,ILK	NP_596900.1,NP_004508.1,NP_034692.1	M	y	y	y
381	ILK	I1907	3611, 16202	Ilk,ILK	NP_004508.1,NP_034692.1	P	y	y	y
382	ILP2	I4782	112401	BIRC8	NP_203127.3	P	y	y	y
383	Negative Control	NA							
384	Anti Cy3+Cy5	C0992							
385	Importin-α1	I9658	3838, 16647	KPNA2,Kpna2	NP_002257.1,NP_034785.1	M	y	y	n/d
386	Importin-α3	I9783	3840, 361959, 16649	KPNA4,Kpna4	NP_002259.1,NP_001014793.1,NP_032493.1	M	y	y	y
387	Importin-α5/7	I9908	3836, 16650, 23633, 16646	Kpna1,KPNA1,KPNA6,Kpna6	NP_002255.2,NP_032494.2,NP_036448.1,NP_032491.2	M	y	y	n/d
388	INCENP	I5283	293733, 16319, 3619	Incnp_predicted,Incnp,INCENP	NP_001099805.1,NP_057901.2,NP_064623.2	P	y	y	y
389	ING1	I3659	3621	ING1	NP_937862.1	M	y	n/d	n/d
390	α-Internexin	I0282	9118, 24503	INA,Inexa	NP_116116.1,NP_062001.1	M	y	n/d	y
391	JAB 1	J3395	312916, 26754, 10987	COPS5,Cops5	NP_001020866.1,NP_038743.1,NP_006828.2	P	y	y	y
392	JAB 1	J3020	312916, 26754, 10987	COPS5,Cops5	NP_001020866.1,NP_038743.1,NP_006828.2	P	y	y	y
393	JAK 1	J3774	84598, 3716, 16451	Jak1,JAK1	XP_342873.3,NP_002218.2,NP_666257.2	M	y	n/d	n/d
394	c-Jun N-Terminal Kinase	J4500	5599, 26419, 116554	Mapk8,MAPK8	NP_620637.1,NP_057909.1,XP_341400.3	P	y	y	y
395	JNK, Activated (Diphosphorylated JNK)	J4750	5599, 26419, 116554	Mapk8,MAPK8	NP_620637.1,NP_057909.1,XP_341400.3	M	y	y	y
396	KCNK9 (TASK-3)	K0514	51305	KCNK9	NP_057685.1	M	y	n/d	n/d
397	Kaiso	K4263	501506, 56805, 10009	Zbtb33,RGD1566309_predicted,ZBTB33	NP_001102784.1,NP_064652.2,NP_006768.1	M	y	y	y
398	KIF17	K3638	500571, 16559	RGD1562511_predicted,Kif17	-NP_034753.1	P	n/d	y	y
399	KIF3A	K3513	11127, 84392, 16568	Kif3a,KIF3A	NP_008985.3,XP_001073405.1,NP_032469.2	P	y	y	y
400	KSR	K4261	16706	Ksr1	NP_038599.1	M	n/d	y	n/d
401	Ku Antigen	K2882	2547	XRCC6	NP_001460.1	M	y	n/d	n/d
402	L1CAM	L4543	3897	L1CAM	NP_076493.1	M	y	n/d	n/d
403	l/s-Afadin	A0224	4301, 26955, 17356	Af6,MLLT4,Mllt4	NP_005927.2,NP_037349.1,NP_034936.1	P	y	y	y
404	Laminin	L9393	16774, 3909	LAMA3,Lama3	XP_986922.1,NP_937762.1	P	y	n/d	n/d
405	Laminin-2 (α-2 Chain)	L0663	3908, 16773	LAMA2,Lama2	NP_001073291.1,NP_032507.2	M	y	y	n/d
406	LAP2 (TMPO)	L3414	7112	TMPO	NP_003267.1	M	y	n/d	n/d
407	Leptin	L3410	3952, 16846	LEP,Lep	NP_000221.1,NP_032519.1	P	y	y	n/d
408	Anti Cy3+Cy5	C0992							
409	LIM Kinase 1	L2290	65172, 3984, 16885	Limk1,LIMK1	NP_113915.2,NP_002305.1,NP_034847.1	P	y	y	y
410	LIN-7	L1538	8825, 85327	LIN7A,Lin7a	NP_004655.1,NP_445966.1	P	n/d	n/d	y
411	LIS1	L7391	83572, 5048, 18472	PAFAH1B1,PaFAH1b1	NP_113951.1,NP_000421.1,NP_038653.1	M	y	y	y
412	LKB1	L7917	6794, 20869, 314621	Stk11_predicted,Stk11,STK11	NP_000446.1,NP_035622.1,NP_001101539.1	P	y	y	y
413	LDS1	L4793	99982, 23028	Aof2,AOF2	NP_598633.1,NP_055828.2	P	y	y	y
414	Mad1	M8069	8379	MAD1L1	NP_003541.2	M	y	n/d	n/d
415	Mad2	M8694	4085	MAD2L1	NP_002349.1	M	y	n/d	n/d

416	MADD	M5683	94193, 228355, 8567	Madd,MADD	NP_446037.1,NP_663502.3,NP_569832.1	P	y	y	n/d
417	MAFF	M8194	7975	MAFK	NP_002351.1	P	y	n/d	n/d
418	MAGI-1	M5691	9223, 14924, 308113	Magi1,MAGI1,Cnksr3	NP_056335.1,NP_034497.1,NP_001012061.1	P	n/d	n/d	y
419	MAGI-2	M2441	113970	Magi2	NP_446073.1	P	n/d	n/d	y
420	MAP Kinase, Activated/Monophosphorylated (Phosphothreonine ERK-1&2)	M7802	50689, 5594, 5595, 116590	MAPK3,Mapk1,Mapk3,MAPK1	NP_059043.1,NP_620407.1,NP_002737.2,NP_446294.1	M	y	n/d	y
421	MAP Kinase, Monophosphorylated Tyrosine	M3682	50689, 5594, 5595, 116590	MAPK3,Mapk1,Mapk3,MAPK1	NP_059043.1,NP_620407.1,NP_002737.2,NP_446294.1	M	y	n/d	y
422	MAP Kinase, Activated (Diphosphorylated ERK-1&2)	M9692	26413, 50689, 5594, 26417, 5595, 116590	MAPK3,Mapk1,Mapk3,MAPK1	NP_036079.1,NP_059043.1,NP_620407.1,NP_036082.1,NP_002737.2,NP_446294.1	M	y	y	y
423	MAP Kinase, Monophosphorylated Threonine	M3557	26413, 50689, 5594, 26417, 5595, 116590	MAPK3,Mapk1,Mapk3,MAPK1	NP_036079.1,NP_059043.1,NP_620407.1,NP_036082.1,NP_002737.2,NP_446294.1	M	y	y	y
424	MAP Kinase (ERK-1)	M7927	50689, 26417, 5595	MAPK3,Mapk3	NP_059043.1,NP_036082.1,NP_002737.2	P	y	y	y
425	MAP Kinase (ERK1+ERK2)	M5670	50689, 26417, 5595	MAPK3,Mapk3	NP_059043.1,NP_036082.1,NP_002737.2	P	y	y	y
426	MAP Kinase Activated Protein Kinase-2 (MAPKAPK-2)	M3550	9261, 17164	MAPKAPK2,Mapkapk2	NP_116584.2,NP_032577.1	P	y	y	n/d
427	MAP Kinase Phosphatase-1 (MKP-1)	M3787	19252, 1843	Dusp1,DUSP1	NP_038670.1,NP_004408.1	P	y	n/d	n/d
428	MAPK non phosphorylated ERK	M3807	50689, 5594, 5595, 116590	MAPK3,Mapk1,Mapk3,MAPK1	NP_059043.1,NP_620407.1,NP_002737.2,NP_446294.1	M	y	n/d	y
429	MAP Kinase 2 (ERK-2)	M7431	26413, 5594, 116590	Mapk1,MAPK1	NP_036079.1,NP_620407.1,NP_446294.1	M	y	y	y
430	MAP Kinase Kinase (MEK, MAPKK)	M5795	26345, 58960, 5605, 170851, 5604	Map2k2,MAP2K2,MAP2K1,Map2k1	,NP_579817.1,NP_109587.1,NP_113831.1,NP_002746.1	P	y	y	y
431	MAP2 (2a+2b)	M2320	25595, 17756, 4133	MAP2,Mtap2	NP_037198.1,NP_032658.2,NP_114035.2	M	n/d	n/d	y
432	Anti Cy3+Cy5	C0992							
433	MAP1	M4278	25152, 17754	Mtap1a	NP_112257.1,NP_115769.1	M	n/d	y	y
434	MAP1 (Light Chain)	M6783	362245	Map1lc3a	NP_955794.1	M	n/d	n/d	y
435	MAP1b	M4528	29456, 17755, 4131	MAP1B,Map1b,Mtap1b	NP_062090.1,NP_032660.1,NP_005900.2	M	y	y	y
436	MAP2	M9942	25595, 17756, 4133	MAP2,Mtap2	NP_037198.1,NP_032658.2,NP_114035.2	M	y	y	y
437	MBD1	M6569	4152	MBD1	NP_056723.2	P	y	n/d	n/d
438	MBD2a	M7568	291525, 8932, 17191	MBD2,Mbd2,Mbd2_predicted	,NP_056647.1,NP_034903.1	P	y	y	n/d
439	MBD2a,b	M7318	8932, 17191	MBD2,Mbd2	NP_056647.1,NP_034903.1	P	y	y	n/d
440	MBD4	M9817	17193, 8930	Mbd4,MBD4	NP_034904.1,NP_003916.1	P	n/d	y	n/d
441	MBDin/XAB1	M1944	11321	XAB1	NP_009197.1	P	y	n/d	n/d
442	MBNL 1	M3320	56758, 4154	Mbnl1,MBNL1	NP_064391.2,NP_997180.1	M	y	y	n/d
443	MCH	M8440	5367	PMCH	NP_002665.2	P	y	n/d	n/d
444	Mcl-1	M8434	362432, 338339, 17474	CLEC4D,Clec4d	NP_001003707.1,NP_525126.2,NP_034949.2	P	y	n/d	n/d
445	MDC1	M2444	9656	MDC1	NP_055456.2	M	y	n/d	n/d
446	MDM2	M8558	17246	Mdm2	NP_034916.1	M	n/d	y	n/d
447	MDM2	M4308	246362, 4193, 17246	MDM2,Mdm2	,NP_006873.3,NP_034916.1	M	y	y	y
448	MDM2	M7815	4193, 17246	MDM2,Mdm2	NP_006873.3,NP_034916.1	M	y	y	n/d
449	MDMX	M0445	17248, 304798, 4194	MDM4,Mdm4	NP_032601.2,NP_001012026.1,NP_002384.2	M	y	n/d	n/d
450	MeCP2	M9317	4204, 29386, 17257	Mecp2,MECP2	NP_004983.1,NP_073164.2,NP_034918.1	P	y	n/d	n/d
451	MeCP2	M7443	4204, 29386, 17257	Mecp2,MECP2	NP_004983.1,NP_073164.2,NP_034918.1	M	y	y	y
452	MeCP2	M6818	4204, 29386, 17257	Mecp2,MECP2	NP_004983.1,NP_073164.2,NP_034918.1	M	y	y	y
453	MEKK4	M7194	4216, 308106, 26407	Map3k4,Map3k4_predicted,MAP3K4	NP_006715.2,NP_001100926.1,NP_036078.2	M	y	y	y
454	Melanocortin-3 Receptor	M4937	29310, 17201	Mc3r	NP_001020441.3,NP_032587.1	P	n/d	n/d	y
455	MGMT	M3068	4255	MGMT	NP_002403.1	M	y	n/d	n/d
456	Anti Cy3+Cy5	C0992							
457	Mint2	M3319	83610, 321, 11784	APBA2,Apba2	NP_113968.1,NP_005494.2,NP_031487.1	P	n/d	n/d	y
458	LRRK2 (PARK8)	M6565	66725, 120892	Lrk2, LRRK2	NM_025730, NM_198578	M	y	y	n/d
459	MRP1	M9192	4363	ABCC1	NP_063955.2	M	y	n/d	n/d
460	MRP2	M3692	1244	ABCC2	NP_000383.1	M	y	n/d	n/d
461	α -MSH	M0939	5443	POMC	NP_001030333.1	P	y	n/d	n/d
462	MSH6	M2445	2956	MSH6	NP_000170.1	P	y	y	y
463	MSH6	M2820	2956	MSH6	NP_000170.1	P	y	y	n/d
464	MSK-1	M5437	445349, 9252	RPS6KA5,Rps6ka5	,NP_872198.1	P	y	n/d	y
465	MTA 2	M7569	361724, 23942, 9219	MTA2,Mta2	XP_342016.2,NP_035972.3,NP_004730.2	M	y	y	y
466	MTA1	M1320	116870, 64520, 9112	Mta1,MTA1	NP_473422.2,NP_072110.1,NP_004680.2	M	y	y	y
467	MTA1	M7693	9112	MTA1	NP_004680.2	P	y	n/d	n/d
468	MTA2/MTA1L	M7818	361724, 23942, 9219	MTA2,Mta2	XP_342016.2,NP_035972.3,NP_004730.2	P	y	n/d	n/d
469	MTA3L	M0819	57504	MTA3	NP_065795.1	P	y	n/d	n/d
470	MTBP	M3566	27085	MTBP	NP_071328.2	P	y	n/d	n/d
471	mTOR	T2949	56718, 2475, 56717	Frap1,FRAP1	NP_063971.1,NP_004949.1,NP_064393.1	P	y	y	y
472	Munc-18-1	M2694	20910, 6812, 25558	Stxbp1,STXBP1	NP_033321.1,NP_003156.1,NP_037170.1	P	n/d	y	y
473	Munc-13/1	M6194	64829, 382018	Unc13a	NP_074052.1,NP_001025044.1	M	n/d	y	y

474	MyD88	M9934	4615, 17874	Myd88,MYD88	NP_002459.1,NP_034981.1	P	y	y	n/d
475	Myosin	M1570	287408, 4620, 4619, 691644, 17879	MYH1,MYH2,Myh2,Myh1	XP_001078018.1,NP_060004.3,NP_005954.3,XP_001077603.1,NP_109604.1,NP	M	y	y	y
476	Myosin Iβ (Nuclear)	M3567	65261, 4641, 17913	Myo1c,MYO1C	NP_075580.2,NP_203693.3,NP_032685.1	P	y	y	y
477	Myosin IIA	M8064	4627, 25745	Myh9,MYH9	NP_002464.1,NP_037326.1	P	y	n/d	y
478	Myosin IX/Myr5	M5566	25486	Myo9b	NP_037116.1	P	n/d	n/d	y
479	Negative Control	NA							
480	Anti Cy3+Cy5	C0992							
481	Myosin Light Chain Kinase	M7905	4638	MYLK	NP_444260.1	M	y	y	Y
482	Myosin Va	M4812	25017, 17918, 4644	Myo5a,MYO5A	NP_071514.1,NP_034994.2,NP_000250.2	P	n/d	n/d	y
483	Myosin Va	M5062	25017, 17918, 4644	Myo5a,MYO5A	NP_071514.1,NP_034994.2,NP_000250.2	P	n/d	n/d	y
484	Myosin VI	M0691	315840, 4646, 17920	MYO6,RGD1560646_predicted,Myo6	XP_236444.4,NP_004990.3,NP_001034635.1	M	y	y	y
485	Myosin VI	M5187	4646	MYO6	NP_004990.3	P	n/d	n/d	y
486	NBS1 (Nibrin)	N9287	4683	NBN	NP_002476.2	M	y	n/d	n/d
487	NBS1 (Nibrin)	N3037	85482, 27354, 4683	NBN,Nbn	NP_620228.1,NP_038780.3,NP_002476.2	P	y	n/d	n/d
488	NBS1 (Nibrin)	N3162	85482, 27354, 4683	NBN,Nbn	NP_620228.1,NP_038780.3,NP_002476.2	P	y	n/d	y
489	Nck-2	N2911	316369, 8440	NCK2,Nck2_predicted	NP_001101686.1,NP_003572.2	M	y	n/d	y
490	Nedd 8	N2786	4738	NEDD8	NP_006147.1	M	y	n/d	n/d
491	Nerve Growth Factor-β	N3279	18049, 4803	NGFB,Ngfb	NP_038637.1,NP_002497.2	M	y	y	n/d
492	Nerve Growth Factor Receptor	N5408	4804	NGFR	NP_002498.1	M	y	n/d	n/d
493	Nerve growth factor receptor (NGFR p75)	N3908	24596	Ngfr	NP_036742.1	P	n/d	n/d	y
494	Neurabin I	N4412	84685, 243725	Ppp1r9a	NP_445925.1,NP_853626.1	P	n/d	y	y
495	Neurabin II (C-terminal)	N5037	84687, 84686, 217124	PPP1R9B,Ppp1r9b	NP_115984.3,NP_445926.1,NP_758465.2	P	n/d	y	y
496	Neurabin-II	N5162	84687, 84686, 217124	PPP1R9B,Ppp1r9b	NP_115984.3,NP_445926.1,NP_758465.2	P	n/d	y	y
497	Neurofibromin	N3662	4771, 18016, 25744	NF2,Nf2	NP_861971.1,NP_035028.2,NP_037325.1	M	y	y	y
498	Neurofilament 160	N2787				M	y	y	y
499	Neurofilament 200	N4142	4744, 380684, 24587	NEFH,Nefh	NP_066554.2,NP_035034.2,NP_036739.2	P	y	y	y
500	Neurofilament 200	N0142	4744, 380684, 24587	NEFH,Nefh	NP_066554.2,NP_035034.2,NP_036739.2	M	y	y	y
501	Neurofilament 200	N5389	4744	NEFH	NP_066554.2	M	y	n/d	n/d
502	Neurofilament 68	N5139	4747	NEFL	NP_006149.2	M	y	n/d	n/d
503	Neurofilament 160/200	N2912				M	y	y	y
504	Anti Cy3+Cy5	C0992							
505	NF-κB	N8523	18033, 4790	NFKB1,Nfkb1	NP_032715.2,NP_003989.2	M	y	y	n/d
506	NAK (NFκB-Activating Kinase)	N2661	29110, 362887	Tbk1_predicted,TBK1	NP_037386.1	M	y	n/d	y
507	NG2	N8912	81651	Cspg4	NP_112284.1	M	n/d	n/d	y
508	Nicastrin	N1660	23385	NCSTN	NP_056146.1	P	y	n/d	n/d
509	Nitric Oxide Synthase, Brain (b-NOS)	N2280	4842, 24598	Nos1,NOS1	NP_000611.1,NP_434686.1	M	y	n/d	y
510	Nitric Oxide Synthase, Brain (b-NOS)	N7155	4842, 24598	Nos1,NOS1	NP_000611.1,NP_434686.1	P	y	n/d	y
511	Nitric Oxide Synthase, Endothelial (e-NOS)	N9532	24600, 18127, 4846	NOS3,Nos3	NP_068610.1,NP_032739.3,NP_000594.2	M	y	y	y
512	Nitric Oxide Synthase, Endothelial (e-NOS)	N3893	24600, 18127, 4846	NOS3,Nos3	NP_068610.1,NP_032739.3,NP_000594.2	P	y	y	y
513	Nitric Oxide Synthase, Endothelial (e-NOS)	N2643	18127, 4846	NOS3,Nos3	NP_032739.3,NP_000594.2	P	y	y	n/d
514	Nitric Oxide Synthase, Inducible (i-NOS)	N7782	18126, 24599	Nos2	NP_035057.1,NP_036743.3	P	n/d	y	y
515	Nitric Oxide Synthase, Inducible (i-NOS)	N9657	18126, 24599, 4843	NOS2A,Nos2	NP_035057.1,NP_036743.3,NP_000616.3	M	n/d	y	y
516	Notch1	N6786	4851, 18128	Notch1,NOTCH1	NP_060087.3,NP_032740.2	M	y	y	n/d
517	Nitrotyrosin	N0409				P	y	n/d	n/d
518	NTF2	N9527	291981, 104255, 10204	NUTF2,Ntf2,NTF2	NP_001007630.1,NP_005787.1	M	y	y	y
519	Nuf2	N5287	83540	NUF2	NP_663735.2	M	y	n/d	n/d
520	O-GlcNAc Transferase	O6264	108155, 26295, 8473	Ogt,OGT	NP_631883.2,NP_058803.2,NP_858059.1	P	y	y	y
521	OP-18/Stathmin	O0138	3925, 29332	Stmn1,STMN1	NP_981946.1,NP_058862.1	P	y	n/d	y
522	Ornithine Decarboxylase (ODC)	O1136	18263, 4953	Odc1,ODC1	NP_038642.2,NP_002530.1	M	y	y	n/d
523	p115/TAP	P3118	56042	Vdp	NP_062252.1	M	n/d	n/d	Y
524	p120 ^{ctn}	P1870	1500	CTNND1	NP_001322.1	P	y	n/d	n/d
525	p130 ^{CAS}	C0354	12927, 25414, 9564	BCAR1,Bcar1	NP_034084.2,NP_037063.1,NP_055382.2	P	y	y	y
526	p14 ^{arf}	P2610	1029	CDKN2A	NP_478104.2	M	y	n/d	n/d
527	p16 ^{INK4a/CDKN2}	P0968	1029	CDKN2A	NP_478104.2	M	y	n/d	n/d
528	Anti Cy3+Cy5	C0992							
529	p19 ^{INK4d}	P4354	1032	CDKN2D	NP_524145.1	M	y	n/d	n/d
530	p21WAF1/Cip1	P1484	12575, 1026	CDKN1A,Cdkn1a	NP_031695.1,NP_510867.1	M	y	y	n/d
531	p300/CBP	P2859	18519, 8850, 301164	Pcaf,PCAF	NP_064389.2,NP_003875.3,NP_001019423.1	M	y	y	y
532	p34 ^{cdc2}	C3085	983, 12534	Cdc2a,CDC2	NP_203698.1,NP_031685.2	M	y	y	n/d
533	p35 (Cdk5 Regulator)	P9489	116671, 8851	Cdk5r1,CDK5R1	NP_446343.1,NP_003876.1	P	y	n/d	y

534	p38 MAP Kinase, Non-Activated	M8432	26416, 1432, 81649	Mapk14,MAPK14	NP_036081.1,NP_620583.1,NP_112282.2	M	y	y	y
535	p38 MAPK	M0800	26413, 5594, 116590	Mapk1,MAPK1	NP_036079.1,NP_620407.1,NP_446294.1	P	n/d	y	y
536	p38 MAPK activated (diphosphorylated p38)	M8177	26416, 1432, 81649	Mapk14,MAPK14	NP_036081.1,NP_620583.1,NP_112282.2	M	y	y	y
537	Negative Control	NA							
538	p53	P5813	7157	TP53	NP_000537.3	M	y	n/d	n/d
539	p53	P6874	7157	TP53	NP_000537.3	M	y	n/d	n/d
540	phospho-p53 (pSer ³⁹²)	P8982	22059, 7157	Trp53,TP53	NP_035770.2,NP_000537.3	P	y	y	n/d
541	p53DINP1/SIP	P4868	94241, 60599, 297822	Trp53inp1,TP53INP1	NP_150601.1,NP_068697.1,NP_851598.1	P	y	y	y
542	p53R2I	P4993	299976, 50484, 382985	Rrm2b,RRM2B,Rrm2b_predicted	XP_235367.4,NP_056528.2,NP_955770.1	P	y	y	y
543	p53 BP1	B4561	27223, 7158, 296099	TP53BP1,Trp53bp1_predicted,Trp53bp1	NP_038763.3,NP_005648.1,NP_001099971.1	P	y	y	y
544	p53 BP1	B4436	27223, 7158, 296099	TP53BP1,Trp53bp1_predicted,Trp53bp1	NP_038763.3,NP_005648.1,NP_001099971.1	P	y	y	n/d
545	p57 ^{Kip2}	P2735	1028, 12577	CDKN1C,Cdkn1c	NP_000067.1,NP_034006.2	M	y	y	n/d
546	p63	P3362	8626, 22061	Trp63,TP73L	NP_003713.3,NP_035771.1	M	y	y	n/d
547	p63	P3737	246334, 8626, 22061	Trp63,TP73L	NP_062094.1,NP_003713.3,NP_035771.1	M	y	y	y
548	PABP	P6246	26986	PABPC1	NP_002559.2	M	y	n/d	n/d
549	PAD14	P4749	23569	PAD14	NP_036519.1	P	y	n/d	n/d
550	phospho-PAK1 (pThr ²¹²)	P3237	5058, 29431, 18479	PAK1,Pak1	NP_002567.3,NP_058894.1,NP_035165.2	M	y	y	y
551	Par-4 (Prostate Apoptosis Response-4)	P5367	5074, 64513, 114774	Pawr,PAWR	NP_002574.2,NP_277020.1,NP_473397.1	P	y	y	y
552	Anti Cy3+Cy5	C0992							
553	γ Parvin	P5746	64098	PARVG	NP_071424.1	M	y	n/d	n/d
554	Parkin	P6248	5071, 50873, 56816	PARK2,Park2	NP_054643.1,NP_057903.1,NP_064478.1	M	y	y	y
555	PARP	P7605	142	PARP1	NP_001609.2	P	y	n/d	n/d
556	Paxillin	P1093	5829, 360820	Pxn,PXN	NP_002850.1,NP_001012147.1	M	y	n/d	y
557	PCAF	P7493	8850	PCAF	NP_003875.3	P	y	n/d	n/d
558	Proliferating Cell Nuclear Antigen (PCNA)	P8825	5111	PCNA	NP_872590.1	M	y	n/d	n/d
559	PDK 1	P3110	5170	PDPK1	NP_112558.2	P	y	n/d	n/d
560	Pen-2	P5622	55851, 19165	PSENIEN,Psen2	NP_758844.1,NP_035313.1	P	y	n/d	n/d
561	Peripherin	P5117	24688, 19132, 5630	Prph1,PRPH	NP_036765.1,NP_038667.1,NP_006253.2	M	y	y	y
562	Peroxiredoxin 3	P1247	10935	PRDX3	NP_054817.2	P	y	n/d	n/d
563	PERP	P5243	64065	PERP	NP_071404.2	P	y	n/d	n/d
564	Phospholipase A2 group V	P5242	5322	PLA2G5	NP_000920.1	M	y	n/d	n/d
565	Phosphoserine	P5747				M	y	y	y
566	Phosphothreonine	P6623				M	y	y	y
567	Phosphotyrosine	P1869				M	y	y	y
568	Phospholipase C γ 1 (PLC γ 1)	P8104	25738, 5335, 18803	Plcg1,PLCG1	NP_037319.1,NP_877963.1,NP_067255.2	P	y	y	n/d
569	PhosphatidylSerine Receptor (PSR)	P1495	23210, 107817	PTDSR,Ptdsr	NP_055982.2,NP_203971.2	P	y	y	n/d
570	Negative Control	NA							
571	PIAS-x	P9498	9063	PIAS2	NP_775298.1	M	y	n/d	n/d
572	Negative Control	NA	361724, 23942, 9219	MTA2,Mta2	XP_342016.2,NP_035972.3,NP_004730.2				
573	PINCH-1	P9371	110829, 3987, 309798	Lims1,LIMS1,Lims1_predicted	NP_080424.2,NP_004978.2,NP_0011101103.1	M	y	y	y
574	Protein Kinase B α /Akt1	P2482	207, 11651, 24185	AKT1,Akt1	NP_005154.2,NP_033782.1,NP_150233.1	M	y	y	y
575	Protein Kinase B α /Akt1	P1601	207, 11651, 24185	AKT1,Akt1	NP_005154.2,NP_033782.1,NP_150233.1	P	y	y	y
576	Anti Cy3+Cy5	C0992							
577	phospho-PKB (pSer ⁴⁷³)	P4112	207, 11651, 24185	AKT1,Akt1	NP_005154.2,NP_033782.1,NP_150233.1	P	n/d	y	y
578	phospho-PKB (pThr ³⁰⁸)	P3862	207, 11651, 24185	AKT1,Akt1	NP_005154.2,NP_033782.1,NP_150233.1	P	n/d	y	y
579	Protein Kinase C (PKC)	P5704	25023, 18752, 5579, 24681, 18751, 5	Prkcb1,PRKCZ,PRKCB1,Prkcc	NP_036845.2,NP_035232.1,NP_997700.1,NP_036760.1,NP_032881.1,NP_00273	M	y	y	y
580	Protein Kinase C α	P4334	18750, 24680	Prkca	NP_035231.1,NP_001099183.1	P	n/d	y	y
581	Protein Kinase C β ₁	P3078	25023	Prkcb1	NP_036845.2	P	n/d	n/d	y
582	Protein Kinase C β ₁	P6959	25023	Prkcb1	NP_036845.2	M	n/d	n/d	y
583	Protein Kinase C β ₂	P3203	25023	Prkcb1	NP_036845.2	P	n/d	n/d	y
584	Protein Kinase C β ₂	P2584	25023	Prkcb1	NP_036845.2	M	n/d	n/d	y
585	Protein Kinase C γ	P8083	24681	Prkcc	NP_036760.1	M	n/d	n/d	y
586	Protein Kinase C δ	P8333	170538	Prkcd	NP_579841.1	P	n/d	n/d	y
587	Protein Kinase C ϵ	P8458	29340	Prkce	NP_058867.1	P	n/d	n/d	y
588	Protein Kinase C ζ	P0713	25522, 18762	Prkcz	NP_071952.1,NP_032886.2	P	n/d	y	y
589	Protein Kinase C η	P8090	5583	PRKCH	NP_006246.2	P	y	n/d	n/d
590	Protein Kinase D	P3987	5587	PRKD1	NP_002733.2	P	y	y	n/d
591	PKR	P0244	5610	EIF2AK2	NP_002750.1	P	y	n/d	n/d
592	Plakoglobin (Catenin γ)	P8087	3728	JUP	NP_068831.1	M	y	n/d	n/d
593	Platelet-Derived Growth Factor Receptor β	P7679	5159	PDGFRB	NP_002800.1	M	y	n/d	n/d

594	Plectin	P9318	64204	Plec1	NP_071796.1	M	n/d	n/d	y
595	PML	P6746	5371	PML	NP_150253.2	M	y	y	n/d
596	Presenilin-1 (S182)	P7854	5663, 29192, 19164	PSEN1,Psen1	NP_000012.1,NP_062036.2,NP_032969.1	P	y	y	y
597	Prion Protein	P5999	19122, 24686	Prnp	NP_035300.1,NP_036763.1	M	n/d	y	y
598	PRMT1	P6871	15469, 3276	Prmt1,PRMT1	NP_062804.1,NP_938075.2	P	y	n/d	n/d
599	PRMT1	P6996	15469, 3276	Prmt1,PRMT1	NP_062804.1,NP_938075.2	P	y	y	y
600	Anti Cy3+Cy5	C0992							
601	PRMT2	P0748	3275	PRMT2	NP_996845.1	M	y	n/d	n/d
602	PRMT3	P9370	10196	PRMT3	NP_005779.1	M	y	y	y
603	PRMT4	P4995	59035, 10498	Carm1,CARM1	NP_067506.2,NP_954592.1	P	y	n/d	n/d
604	PRMT5	P0493	10419	PRMT5	NP_006100.2	M	y	y	y
605	PRMT6	P6495	55170	PRMT6	NP_060607.1	P	y	n/d	n/d
606	PRMT6	P2996	55170	PRMT6	NP_060607.1	M	y	n/d	n/d
607	Proliferating Cell Protein Ki-67	P6834	4288	MKI67	NP_002408.3	M	y	n/d	n/d
608	Protein Phosphatase 1 α	P7979	5499	PPP1CA	NP_996756.1	P	y	n/d	n/d
609	Protein Phosphatase 1 α	P7607	24668, 19045, 5499	Ppp1ca,PPP1CA	NP_113715.1,NP_114074.1,NP_996756.1	M	y	y	y
610	Protein Phosphatase 2A α (PP2A α)	P8998	5515, 19052	Ppp2ca,PPP2CA	NP_002706.1,NP_062284.1	M	y	y	n/d
611	Protein S	P4555	5627	PROS1	NP_000304.1	P	y	n/d	n/d
612	Protein Tyrosine Phosphatase PEST	P9109				M	y	y	y
613	PSF	P2860				M	y	y	n/d
614	PTEN	P7482	5728, 50557, 19211	PTEN,Pten	NP_000305.3,NP_113794.1,NP_032986.1	P	y	n/d	y
615	PTEN	P3487	5728, 50557, 19211	PTEN,Pten	NP_000305.3,NP_113794.1,NP_032986.1	M	y	y	y
616	PUMA/bbc3, C-Terminal	P4618	27113, 170770	Bbc3,BBC3	NP_055232.1,NP_573497.1	P	y	y	n/d
617	PUMA/bbc3, N-Terminal	P4743	27113	BBC3	NP_055232.1	P	y	n/d	n/d
618	Pyk2	P3902	50646, 2185, 19229	Ptk2b,PTK2B	NP_059014.2,NP_775268.1,NP_766086.1	P	y	y	y
619	phospho-Pyk2 (pTyr ⁵⁷⁹)	P7114	50646, 2185	Ptk2b,PTK2B	NP_059014.2,NP_775268.1	P	y	n/d	y
620	phospho-Pyk2 (pTyr ^{579/580})	P6989	2185	PTK2B	NP_775268.1	P	y	n/d	n/d
621	phospho-Pyk2 (pTyr ⁵⁸⁰)	P6739	50646, 2185	Ptk2b,PTK2B	NP_059014.2,NP_775268.1	P	y	n/d	y
622	Negative Control	NA							
623	Rab5	R7904	5868, 64633, 271457	RAB5A,Rab5a	NP_004153.2,NP_073183.1,NP_080163.1	M	y	y	y
624	Anti Cy3+Cy5	C0992							
625	Rab 7	R8779	29448, 19349, 7879	Rab7,RAB7	NP_076440.1,NP_033031.2,NP_004628.4	M	y	y	y
626	Rab9	R5404	84589, 9367, 56382	RAB9,Rab9	NP_445910.1,NP_004242.1,NP_062747.1	M	y	y	y
627	RAD1	R5029	5810	RAD1	NP_596868.1	P	y	n/d	n/d
628	Rad17 (C-terminal)	R8029	5884	RAD17	NP_579922.1	P	y	n/d	n/d
629	Raf-1/c-Raf	R2404	110157, 5894, 24703	RAF1,Raf1	NP_084056.1,NP_002871.1,NP_036771.1	M	y	y	y
630	Raf-1	R5773	5894, 24703	RAF1,Raf1	NP_002871.1,NP_036771.1	P	y	n/d	y
631	phospho-c-Raf (pSer ⁶²¹)	R1151	387609, 5894	Zhx2,RAF1	NP_955520.1,NP_002871.1	P	y	y	y
632	RAIDD, Internal Domain	R9775	8738	CRADD	NP_003796.1	P	y	n/d	n/d
633	RAIDD	R5275	8738	CRADD	NP_003796.1	P	y	n/d	n/d
634	RALAR	R8529	5898, 56044, 81757	RALA,Rala	NP_005393.2,NP_062364.3,NP_112355.1	M	y	y	y
635	Ran	R4777	5901, 19384	RAN,Ran	NP_006316.1,NP_033417.1	M	y	y	n/d
636	PIASy	P0104	51588, 59004, 362827	PIAS4	NP_056981.2,NP_067476.2,NP_001094227.1	M	y	n/d	n/d
637	RAP1	R8154	54386	TERF2IP	NP_061848.2	M	y	n/d	n/d
638	RbAp48/RbAp46	R3779	19646, 5931, 5928, 245688, 313048,	RBBP7,Rbbp7,RBBP4,Rbbp4,Rbbp4_predicte	NP_033056.2,NP_002884.1,NP_005601.1,NP_033057.3,NP_001101382.1,NP_11	P	y	n/d	n/d
639	Reelin	R4904	24718, 19699	Reln	NP_536319.2,NP_035391.2	P	n/d	y	y
640	Retinoblastoma	R6775	5925	RB1	NP_000312.2	P	y	n/d	n/d
641	phospho-Retinoblastoma (pSer ⁷⁹⁵)	R6878	5925, 24708, 19645	RB1,Rb1	NP_000312.2,XP_344435.3,NP_033055.1	M	y	y	y
642	RhoE	R6153	74194, 390	Rnd3,RND3	NP_083086.1,NP_005159.1	M	y	y	n/d
643	RICK, C-Terminal	R9650	192656, 8767, 362491	Ripk2,RIPK2	NP_620402.1,NP_003812.1,XP_342811.3	P	y	y	y
644	RIP (Receptor Interacting Protein)	R8274	8737	RIPK1	NP_003795.2	P	y	n/d	n/d
645	RNase L	R3529	6041	RNASEL	NP_066956.1	M	y	n/d	n/d
646	ROCK-1	R6028	6093, 81762, 19877	Rock1,ROCK1	NP_005397.1,NP_112360.1,NP_033097.1	P	y	y	y
647	ROCK-2	R8653	19878, 25537, 9475	ROCK2,Rock2	NP_033098.2,NP_037154.1,NP_004841.2	P	y	y	n/d
648	Anti Cy3+Cy5	C0992							
649	Rsk1	R5145	81771, 20111, 6195	Rps6ka1,RPS6KA1	NP_112369.1,NP_033123.2,NP_002944.2	P	y	y	y
650	S-100	S2644	81778	S100a10	NP_112376.1	P	y	n/d	y
651	S-100 (α -Subunit)	S2407	6271	S100A1	NP_006262.1	M	y	n/d	n/d
652	S-100 (β -Subunit)	S2532	6285, 25742	S100b,S100B	NP_006263.1,NP_037323.1	M	y	n/d	y
653	S-Nitrosocysteine	N5411				P	y	y	y
654	S6 Kinase	S4047	6198, 83840, 72508	Rps6kb1,RPS6KB1	NP_003152.1,NP_114191.1,NP_082535.1	P	y	y	y

655	SAPK3	S0315	60352, 29857, 6300	Mapk12,MAPK12	NP_068514.1,NP_038899.1,NP_002960.2	P	y	y	y
656	Spectrin (α and β)	S3396	6708, 6711, 6710	SPTA1,SPTBN1,SPTB	NP_003117.2,NP_842565.2,NP_001020029.1	M	y	n/d	n/d
657	Serine/Threonine Protein Phosphatase 2 A/A	P8109	5515, 24672, 19052	Ppp2ca,PPP2CA	NP_002706.1,NP_058735.1,NP_062284.1	P	y	y	y
658	Serine/Threonine Protein Phosphatase 1 β	P7484	5500, 25594, 19046	PPP1CB,PPP1cb	NP_996759.1,NP_037197.1,NP_766295.2	P	y	y	y
659	Serine/Threonine Protein Phosphatase 1 γ 1	P7609	19047, 5501, 24669	Ppp1cc,PPP1CC	NP_038664.2,NP_002701.1,NP_071943.1	P	y	y	y
660	Serine/Threonine Protein Phosphatase 2 A/B γ	P5359				P	y	y	y
661	Serine/Threonine Protein Phosphatase 2 A/B' par2	P8359	60660	Ppp2r2b	NP_071545.2	P	n/d	n/d	y
662	Serine/Threonine Protein Phosphatase 2C α/β	P8609	5494, 19053, 5495, 19052	Ppp2cb,PPM1B,PPM1A,Ppp2ca	NP_808821.1,NP_059070.1,NP_808908.1,NP_062284.1	P	y	y	n/d
663	Negative Control	NA							
664	SGK	S5188	6446	SGK	NP_005618.2	P	y	n/d	n/d
665	SH-PTP2 (SHP-2)	S3056	5781	PTPN11	NP_002825.3	P	y	n/d	n/d
666	Siah2	S7945	20439, 6478	Siah2,SIAH2	NP_033200.2,NP_005058.3	M	y	y	n/d
667	Sin3A, N-terminal	S4445	20466, 25942, 363067	Sin3a_predicted,SIN3A,Sin3a	NP_035508.2,NP_056292.1,NP_001102231.1	P	y	y	y
668	Sin3A, C-Terminal	S6695	20466, 25942, 363067	Sin3a_predicted,SIN3A,Sin3a	NP_035508.2,NP_056292.1,NP_001102231.1	P	y	n/d	n/d
669	Sir2	S5313	93759	Sirt1	NP_062786.1	P	n/d	y	n/d
670	SIRP α 1 (SHPS-1)	S1311				P	n/d	y	y
671	Sirt1	S5196	93759	Sirt1	NP_062786.1	M	n/d	y	n/d
672	Anti Cy3+Cy5	C0992							
673	SKM1 (Skeletal Muscle Type 1)	S9568	110880, 25722	Scn4a	NP_573462.2,NP_037310.1	M	n/d	y	y
674	SKK2 (SAPKK2, MKK3, MEK3)	S5308	26397, 5606, 303200	MAP2K3,Map2k3	NP_032954.1,NP_659731.1,XP_239239.2	P	y	y	y
675	SLIPR/MAGI-3	S1190	245903	Magi3	NP_620784.1	P	n/d	n/d	y
676	SLIPR/MAGI-3	S4191	245903	Magi3	NP_620784.1	M	n/d	n/d	y
677	Smad4 (DPC4)	S3934	4089	SMAD4	NP_005350.1	M	y	n/d	n/d
678	SMC1L1	S6446	63996, 24061, 8243	SMC1A,Smc1l1,Smc1a	NP_113871.1,NP_062684.1,NP_006297.2	P	y	n/d	n/d
679	SMN	S2944	6607, 6606, 20595	SMN1,Smn1,SMN2	NP_075015.1,NP_075012.1,NP_035550.1	M	y	y	n/d
680	α/β -SNAP, C-terminus	S9444	140673, 8775, 63908, 366216, 10812	Napa,NAPA,Napb_predicted,NAPB	NP_542152.2,NP_003818.2,NP_071363.1,NP_080174.1	P	y	y	y
681	SNAP-23	S2194	64630, 20619, 8773	Snap23,SNAP23	NP_073180.1,NP_033248.1,NP_570710.1	P	n/d	y	n/d
682	SNAP-25	S9684	6616, 25012, 20614	SNAP25,Snap25	NP_570824.1,NP_112253.1,NP_035558.1	P	n/d	y	y
683	SNAP- 29	S2069	116500, 67474	Snap29	NP_446262.3,NP_075837.3	P	n/d	y	y
684	Sos1	S2937				P	y	n/d	n/d
685	Sp1	S9809	6667	SP1	NP_612482.2	P	y	n/d	n/d
686	Spred-2	S7320	200734, 114716, 305539	Spred2,SPRED2	NP_861449.1,NP_277058.1,NP_001040559.1	P	y	y	y
687	Striatin	S0696	29149, 6801, 268980	STRN,Strn	NP_062021.1,NP_003153.2,NP_035630.2	P	n/d	y	y
688	Substance P Receptor	S8305	6869, 24807, 21336	Tacr1,TACR1	NP_056542.1,NP_036799.1,NP_033339.2	P	y	y	y
689	SMAC/Diablo	S0941	56616, 66593	Diablo,DIABLO	NP_620308.1,NP_075721.3	P	y	y	n/d
690	SUMO-1	S8070	22218, 614967, 301442, 7341	SUMO1,Sumo1	NP_033486.1,NP_001009672.1,NP_003343.1	P	y	n/d	n/d
691	SUMO-1 (C-terminal)	S5446	22218, 614967, 301442, 7341	SUMO1,Sumo1	NP_033486.1,NP_001009672.1,NP_003343.1	P	y	n/d	n/d
692	Survivin	S8191	64041, 332, 11799	Birc5,BIRC5	NP_071610.1,NP_001159.2,NP_033819.1	P	y	n/d	n/d
693	Synaptotagmin	S2177	25716, 6857, 20979	SYT1,Syt1	NP_001028852.2,NP_005630.1,NP_033332.1	P	y	y	n/d
694	Synaptopodin	S9442	60324, 11346	SYNPO,Synpo	NP_067727.2,NP_009217.3	P	n/d	n/d	y
695	Synaptopodin	S9567	60324, 11346	SYNPO,Synpo	NP_067727.2,NP_009217.3	P	n/d	n/d	y
696	Anti Cy3+Cy5	C0992							
697	SynCAM	S4945	54725, 445438	Igsf4a,IGSF4	NP_997559.1	P	n/d	y	y
698	α 1 Syntrophin	S4688	6640, 362242	SNTA1,Snta1	NP_003089.1,XP_342549.2	P	n/d	n/d	y
699	α 1 Syntrophin	S4813	20648, 362242	Snta1	NP_033254.2,XP_342549.2	P	n/d	n/d	y
700	Syntaxin	S0664	116470	Stx1a	NP_446240.2	M	n/d	n/d	y
701	Syntaxin 6	S9067	60562, 58244, 10228	STX6,Stx6	NP_113853.1,NP_067408.1,NP_005810.1	M	y	y	y
702	Syntaxin 8	S8945	59074, 9482, 55943	Stx8,STX8	NP_113844.1,NP_004844.1,NP_061238.1	P	n/d	n/d	y
703	α -Synuclein	S3062	29219, 6622	SNCA,Snca	NP_062042.1,NP_009292.1	P	y	n/d	y
704	Negative Control	NA							
705	Tal	T1075	90678, 227738	Lrsam1,LRSAM1	NP_612370.3,NP_955006.1	P	y	y	y
706	Tal	T1200	90678, 227738	Lrsam1,LRSAM1	NP_612370.3,NP_955006.1	P	y	y	y
707	TAP	T1076	10482	NXF1	NP_006353.2	M	y	n/d	n/d
708	Tau	T9450	29477, 4137, 17762	MAPT,Mapt	NP_058908.2,NP_058525.1,NP_034968.3	M	y	y	y
709	phospho-Tau (pSer ^{199/202})	T6819	29477, 4137, 17762	MAPT,Mapt	NP_058908.2,NP_058525.1,NP_034968.3	P	y	y	y
710	Tau	T5530	4137	MAPT	NP_058525.1	M	y	n/d	n/d
711	Tenascin	T2551	63923	TNN	NP_071376.1	M	y	n/d	n/d
712	Thimet Oligopeptidase 1	T7076	7064	THOP1	NP_003240.1	M	y	n/d	n/d
713	TIS7	T2576	3475, 15982, 29596	IFRD1,lfrd1	NP_001541.2,NP_038590.1,NP_062115.1	M	y	y	n/d
714	Tumor Necrosis Factor Soluble Receptor II	T1815	7124	TNF	NP_000585.2	M	y	n/d	n/d

715	Tob	T2948	10140, 10766	TOB1,TOB2	NP_005740.1,NP_057356.1	M	y	n/d	n/d
716	TOM22	T6319	56993	TOMM22	NP_064628.1	M	y	n/d	n/d
717	Topoisomerase-I	T8573	7150	TOP1	NP_003277.1	M	y	n/d	n/d
718	TRAIL	T3067	8743	TNFSF10	NP_003801.1	M	y	n/d	n/d
719	TRAIL	T9191	8743	TNFSF10	NP_003801.1	P	y	n/d	n/d
720	Anti Cy3+Cy5	C0992							
721	Transforming Growth Factor-β, pan	T9429	7040, 7042, 7043	TGFB3,TGFB1,TGFB2	NP_000651.3,NP_003229.1,NP_003230.1	P	y	n/d	n/d
722	Transportin 1	T0825	238799, 309126, 3842	TNPO1,Tnpo1	NP_848831.2,XP_219500.3,NP_694858.1	M	y	y	y
723	TRF1	T1948	7013	TERF1	NP_059523.1	M	y	n/d	n/d
724	Tropomyosin	T2780	7168, 281544, 24851, 22003, 396366	TPM1,Tpm1	NP_001018020.1,,NP_062004.1,NP_077745.2,	M	y	y	y
725	Tropomyosin (Sarcomeric)	T9283	7168, 24851, 396366	TPM1,Tpm1	NP_001018020.1,NP_062004.1,	M	y	n/d	y
726	Tryptophane Hydroxylase	T0678	121278, 7166, 24848, 317675	Tph2,TPH1,TPH2,Tph1	NP_775489.2,NP_004170.1,NP_001094104.1,NP_776211.1	M	y	n/d	y
727	TSG101	T5826	7251, 292925, 22088	TSG101,Tsg101	NP_006283.1,NP_853659.2,NP_068684.1	P	y	y	y
728	α-Tubulin	T6074	64158, 22142, 7277	TUBA1,Tuba1	NP_071634.1,NP_035783.1,NP_005991.1	M	y	y	y
729	α-Tubulin	T6199	64158, 22142, 7277	TUBA1,Tuba1	NP_071634.1,NP_035783.1,NP_005991.1	M	y	y	y
730	β-Tubulin	T5201				M	y	y	y
731	β-Tubulin I	T7816	81027, 104068	Tubb1,TUBB1	NP_110400.1,	M	y	y	y
732	β-Tubulin I+II	T8535	7280, 10383, 296554, 29212, 227613	Tubb1,TUBB2C,TUBB2A,Tubb2c,TUBB1,Tub	NP_001060.1,NP_006079.1,NP_954525.1,,NP_666228.1,NP_033476.1,,NP_1104	M	y	y	y
733	β-Tubulin III	T5076	246118, 22152, 10381	Tubb3,TUBB3	NP_640347.2,NP_075768.1,NP_006077.2	M	y	n/d	y
734	β-Tubulin IV	T7941	10382, 29213, 22153	Tubb4,TUBB4	NP_006078.2,NP_543158.1,NP_033477.2	M	y	y	y
735	γ-Tubulin	T5326	7283, 252921, 103733	TUBG1,Tubg1	NP_001061.2,NP_665721.1,NP_598785.1	M	y	y	y
736	γ-Tubulin	T3559	7283, 27175	TUBG1,TUBG2	NP_001061.2,NP_057521.1	P	y	n/d	n/d
737	γ-Tubulin	T3320	7283, 252921, 27175, 360633	TUBG1,Tubg2_predicted,Tubg1,TUBG2	NP_001061.2,NP_665721.1,NP_057521.1,	P	y	n/d	y
738	ε-Tubulin	T1323	51175, 71924	Tube1,TUBE1	NP_057346.1,NP_082282.1	M	y	y	n/d
739	Tubulin, Polyglutamylated	T9822	64158, 73710, 291081, 22142, 20306	Tubb2b,TUBA1,Tuba1,TUBB	NP_071634.1,NP_076205.1,NP_001013908.2,NP_035783.1,NP_821133.1,NP_00	M	y	y	y
740	Tubulin, Tyrosine	T9028	203068, 7277	TUBA1,TUBB	NP_821133.1,NP_005991.1	M	y	n/d	n/d
741	Tumor Necrosis Factor-α	T8300	7124	TNF	NP_000585.2	P	y	n/d	n/d
742	Tumor Necrosis Factor-α	T2824	24835, 21926	Tnf	NP_036807.1,NP_038721.1	M	n/d	y	y
743	Nanog	N3038	79923, 71950, 414065	NANOG	NP_079141.2,NP_082292.1,NP_001094251.1	M	y	n/d	n/d
744	Anti Cy3+Cy5	C0992							
745	TWEAK Receptor/Fn-14	T9700	51330	TNFRSF12A	NP_057723.1	M	y	n/d	n/d
746	Tyrosin hydroxylase	T2928	25085, 7054	TH,Th	NP_036872.1,NP_954987.2	M	y	n/d	y
747	U2AF ⁶⁵	U4758	308335, 11338, 22185	U2af2,U2AF2	XP_001077658.1,NP_009210.1,NP_598432.1	M	y	y	y
748	Ubiquitin	U0508	22187, 50522, 22190, 192255, 7314,	UBB,Ubc,Ubc,Ubb	NP_035794.1,NP_059010.1,NP_062613.3,NP_620250.1,NP_061828.1,NP_06628	M	y	y	y
749	Ubiquitin C-terminal Hydrolase L1	U5133	29545, 7345, 22223	Uchl1,UCHL1	NP_058933.2,NP_004172.2,NP_035800.1	P	y	y	y
750	Ubiquitin C-terminal Hydrolase L1	U5258	29545, 7345, 22223	Uchl1,UCHL1	NP_058933.2,NP_004172.2,NP_035800.1	P	y	y	y
751	Pinin	P0084	5411, 18949, 368070	PNN	NP_002678.2,NP_032917.2,NP_001102493.1	M	y	n/d	n/d
752	Vanilloid Receptor-1	V2764	7442	TRPV1	NP_542437.2	P	n/d	n/d	y
753	VDAC/Porin	V2139	83529, 7416, 22333	VDAC1,Vdac1	NP_112643.1,NP_003365.1,NP_035824.1	P	y	y	y
754	Vascular Endothelial Growth Factor Receptor-1 (VEGFR-1)	V4762	2321	FLT1	NP_002010.2				
755	Vesicular GABA Transporter	V5764	22348, 83612, 140679	Slc32a1,SLC32A1	NP_033534.2,NP_113970.1,NP_542119.1	P	n/d	y	y
756	VGLUT 1	V0389	57030	SLC17A7	NP_064705.1	P	y	n/d	n/d
757	VGLUT 2	V2639	57084, 84487, 140919	Slc17a6,SLC17A6	NP_065079.1,NP_445879.1,NP_543129.2	P	n/d	n/d	y
758	Vimentin	V6389	81818, 7431	VIM,Vim	NP_112402.1,NP_003371.2	M	y	n/d	y
759	Vinculin	V4505	22330, 7414	VCL,Vcl	NP_033528.3,NP_054706.1	M	y	y	n/d
760	Vitronectin	V7881	7448	VTN	NP_000629.3	M	y	n/d	n/d
761	WAVE	W0392	294568, 8936, 83767	Wasf1,WASF1	NP_001020285.1,NP_003922.1,NP_114083.1	P	y	y	y
762	WSTF	W3516	22385, 368002, 7474	Baz1b,WNT5A	NP_035844.1,XP_347167.1,NP_003383.2	P	y	y	n/d
763	Y14	Y1253	9939, 399167	Rbm8,RBM8A	NP_005096.1,	M	y	n/d	n/d
764	ZAP-70	Z0627	22637, 7535	ZAP70,Zap70	NP_033565.2,NP_997402.1	M	y	y	n/d
765	Zip Kinase	Z0134	1613	DAPK3	NP_001339.1	P	y	n/d	n/d
766	Zyxin	Z0377	22793, 114636, 7791	Zyx,ZYX	NP_035907.1,XP_216124.3,NP_003452.1	M	y	y	y
767	GAPDH	G8795	2597, 407972, 24383	GAPDH,Gapdh	NP_002037.2,,NP_058704.1	M	y	y	y
768	Anti Cy3+Cy5	C0992							