

Supplementary Table 2

		8Gy (immediately after chronic irradiation)			8Gy (3 months after chronic irradiation)		
Sigma No	Name	Net intensity ratio	Net intensity ratio	Net intensity ratio	Net intensity ratio	Net intensity ratio	Net intensity ratio
		Comparison 1	Comparison 2	Comparison 3	Comparison 1	Comparison 2	Comparison 3
T5942	14 3 3	0.43	0.54	0.38	0.74	0.40	0.46
A5463	Acetylated Protein	0.65	0.74	0.70	0.79	0.73	0.69
A5060	Actin	0.73	0.83	0.77	0.86	0.86	0.76
A3853	Actin	0.92	1.02	0.86	0.99	0.94	0.89
A5228	Actin a-Smooth Muscle	0.63	0.74	0.74	0.77	0.71	0.72
A1978	bActin	0.74	0.83	0.75	0.91	0.83	0.72
A2228	bActin	0.81	0.94	0.84	0.92	0.92	0.66
A5044	aActinin	0.82	0.88	0.96	0.90	1.02	0.74
A1226	Actopaxin	0.73	0.83	0.75	0.87	0.84	0.69
A7107	AP2	0.66	0.79	0.66	0.69	0.73	0.57
A4450	b1 and b2 Adaptins	1.06	1.09	0.88	0.97	0.99	0.82
A0349	IAfadin	0.89	0.98	0.86	0.90	0.94	0.81
A8975	AFX	0.83	0.90	0.80	0.84	0.88	0.76
A5854	AFX	0.80	0.92	0.75	0.88	0.92	0.70
A6229	AKR1C3	0.80	0.92	0.73	0.86	0.88	0.66
A9979	Aly	0.88	1.02	0.76	0.89	0.96	0.67
A8354	bAmyloid	0.75	0.85	0.71	0.78	0.84	0.59
A8717	Amyloid Precursor Protein	0.74	0.82	0.75	0.88	0.87	0.68
A8967	Amyloid Precursor Protein	0.86	0.93	0.87	0.97	0.95	0.75
A8842	Amyloid Precursor Protein KPI Domain	0.96	0.99	0.93	1.03	1.08	0.84
A9853	Androgen Receptor	0.61	0.77	0.55	0.61	0.81	0.38
A8604	Annexin V	0.87	0.93	0.76	0.83	0.92	0.62
A4475	Annexin VII	0.87	0.93	0.83	0.94	0.91	0.78
C0992	Anti CY3/5	2.65	2.99	3.29	5.98	4.56	4.16
A7674	AOP1	0.81	0.88	0.73	1.07	0.82	0.98
A5968	AP1	1.05	1.05	0.95	0.97	1.02	1.09
A0844	AP2a	1.07	1.09	0.90	0.89	0.95	0.99
A2105	AP Endonuclease	1.03	1.79	0.82	0.83	0.90	0.90
A8469	Apa1	0.97	0.87	0.37	0.38	0.37	0.27
A7549	Apoptosis Inducing Factor	1.12	1.24	0.88	0.93	1.01	0.85
A1726	APRIL	0.85	0.99	0.28	0.26	0.25	0.19
A1851	APRIL	1.46	3.82	0.31	0.34	0.37	0.26
A8344	ARC	0.95	0.99	0.40	0.50	0.49	0.32
A4721	ARNO	1.50	1.59	0.89	1.06	1.16	0.92
A5601	Arp1a Centractin	1.36	1.35	0.94	1.09	1.14	1.00
A6104	ARP2	1.66	2.17	0.87	0.96	1.19	0.99
A5979	ARP3	0.94	0.97	0.62	0.86	0.85	0.70
A3720	ARTS	1.12	1.14	0.88	1.05	1.04	0.91
A4471	ARTS	1.35	1.37	0.73	0.82	0.96	0.80
A4227	ASAP1 Centaurin b4	1.11	1.21	0.85	0.94	1.04	0.87
A5355	ASC2	0.96	0.96	0.78	0.79	0.94	0.84
A4355	ASPP1	1.37	1.30	0.91	1.00	1.26	0.94
A4480	ASPP2	1.59	1.89	0.89	0.93	1.25	0.84
A7833	ATF1	1.20	1.25	0.92	0.89	1.04	0.82
A4086	ATF2	1.16	1.11	1.00	1.02	1.19	0.93
A4095	ATF2 pThr69 71	1.14	1.12	0.96	1.04	1.13	0.95
A6093	ATM	2.20	1.84	1.03	1.09	1.41	1.01
A6218	ATM	0.92	1.10	0.84	0.84	0.76	0.87
A5102	AuroraB	0.84	0.92	0.87	0.95	0.80	0.86
B0806	BACE 1	0.99	1.03	0.93	0.86	0.88	1.00
B1310	BACH1	0.71	0.90	0.70	0.67	0.60	0.64
B0559	BAD	1.38	2.33	0.68	0.72	0.73	0.72
B0436	BAF57	1.07	2.12	0.88	0.80	0.73	0.78

B5897	BAK	1.00	1.03	1.02	1.05	0.93	1.01
B9303	BAP1	0.97	1.05	0.96	0.91	0.89	0.97
B3428	Bax	0.93	1.05	0.84	0.89	0.87	0.85
B8429	Bax	1.07	1.11	0.92	0.89	0.84	0.92
B8554	Bax	1.19	1.23	1.15	1.04	1.04	1.22
B9054	Bax	1.06	1.06	0.98	0.95	0.86	0.99
B7806	Bcl10	1.17	1.20	0.78	0.82	1.02	0.85
P0110	Prion protein	1.00	1.13	0.86	0.89	0.90	0.88
B0431	Bcl10	0.91	0.97	0.93	0.97	0.87	0.91
S4697	Seladin	0.82	0.87	0.86	0.87	0.80	0.88
B9804	Bcl2	1.40	1.35	0.87	0.91	1.58	0.88
B3170	Bcl2	0.99	1.03	1.03	0.96	1.03	1.04
B9304	Bclx	0.78	0.87	0.80	0.82	0.75	0.75
B9429	BclxL	0.75	0.84	0.75	0.84	0.75	0.82
B4305	BID	1.01	1.03	0.96	0.93	1.08	0.87
B3183	BID	0.22	0.32	0.27	0.32	0.35	0.27
B7929	Bim	0.34	0.47	0.43	0.38	0.40	0.27
C6118	CDK5	0.88	0.92	0.79	0.95	0.73	0.94
B1684	Bmf	0.51	0.62	0.36	0.55	0.41	0.41
B1559	Bmf	0.36	0.41	0.24	0.38	0.35	0.27
B7931	BNIP3	1.03	1.15	0.77	0.87	0.80	0.84
B7810	BOB1 OBF1	1.12	1.02	0.81	0.92	0.81	0.91
B8184	Brg1 hSNF2b	1.13	1.06	0.98	1.10	0.96	0.99
B0811	BTk	1.14	1.05	0.93	1.00	0.97	0.94
B0686	BTk	0.96	1.12	0.66	0.69	0.72	0.78
B0561	BUB1	1.18	1.29	0.93	0.95	0.91	1.04
B9310	BUBR1	1.09	1.00	0.73	0.76	0.70	0.82
A5844	cAb1	1.17	1.45	0.92	1.01	0.96	1.01
C9603	cCbl	1.06	1.12	0.90	1.02	0.96	1.01
E2777	cerbB2	1.32	1.59	1.04	1.12	1.14	1.13
E8767	cerbB3	0.92	0.91	0.87	0.89	0.84	0.84
E5900	cerbB4	1.09	1.16	0.79	0.85	0.81	0.92
J2128	cJun pSer63	14.03	22.09	0.21	0.47	0.33	0.37
J2253	cJun pSer73	0.99	0.61	0.37	0.42	0.66	0.18
M4439	cMyc	0.98	1.16	0.69	0.70	0.70	0.66
C3956	cMyc	0.96	0.99	0.81	0.84	0.84	0.83
U3254	Uvomorulin ECadherin	0.93	0.95	0.82	0.79	0.89	0.81
C2542	NCadherin	0.76	0.86	0.69	0.58	0.79	0.52
C2667	NCadherin	1.29	1.16	0.99	0.92	1.05	0.96
C1821	Pan Cadherin	1.07	1.00	0.89	0.94	0.97	0.91
C7354	CalbindinD28K	0.95	0.99	0.92	0.96	1.38	0.97
C1956	Calcineurin aSubunit	0.95	1.01	0.96	0.94	0.96	0.98
C6542	Caldesmon	1.08	1.08	0.99	0.97	1.11	1.19
C7055	Calmodulin	1.12	1.15	1.10	1.08	1.27	1.23
C4731	Calnexin	0.85	0.91	0.74	0.91	0.85	0.76
C2687	Calponin	1.20	1.23	1.12	1.09	1.10	1.09
C4606	Calreticulin	1.25	1.21	1.30	1.27	1.35	1.21
C7479	Calretinin	1.22	1.08	1.05	0.94	1.19	1.10
C7867	Claspin	1.08	1.14	1.02	1.10	1.05	1.02
C2851	CaM Kinase IV CaMKIV	1.05	1.09	1.10	1.15	1.00	1.04
C7099	CaM Kinase Kinase a CaMKKa	1.19	1.12	0.99	0.93	1.03	1.09
C6974	CaM Kinase IIa	1.06	1.03	1.02	1.26	1.22	1.13
C9973	CaM Kinase IV	1.00	1.00	1.02	1.08	0.99	0.99
C4856	CASK LIN2	0.96	0.99	1.04	1.02	0.92	0.94
C3617	Casein Kinase 2b	1.13	0.98	0.84	1.53	1.08	1.02
C7349	Caspase 2	1.04	1.01	1.13	1.22	1.39	1.12
C9598	Caspase 3	0.92	0.92	0.99	0.95	0.91	0.86

C8487	Caspase 3 Active	1.04	1.04	1.10	1.09	1.06	0.94
C4481	Caspase 4	1.38	1.17	1.19	1.73	1.94	1.90
C3392	Caspase 4	1.20	1.14	1.36	1.57	1.99	1.85
C6979	Caspase 5	1.26	1.08	1.09	1.09	1.16	0.92
C7599	Caspase 6	0.97	1.05	1.07	1.01	0.98	0.90
C7724	Caspase 7	0.98	1.00	1.09	1.07	1.00	0.96
C1104	Caspase 7	1.09	1.03	1.06	1.37	1.34	1.39
C3101	Caspase 8	1.19	1.11	1.29	1.73	2.20	1.88
C2976	Caspase 8	1.17	1.09	1.46	1.49	1.49	1.50
C4106	Caspase 8	1.09	1.11	1.30	1.11	1.54	1.34
C7849	ProCaspase 8	1.03	1.02	1.25	1.54	1.62	1.43
C7729	Caspase 9	1.09	1.06	1.19	1.28	1.26	1.45
C4356	Caspase 9	1.26	1.17	2.04	2.32	2.67	2.44
C8351	Caspase10	1.03	1.05	1.26	1.15	1.24	1.16
C1229	Caspase 10	1.21	0.94	1.40	2.23	2.58	2.48
C1354	Caspase11	1.13	1.04	1.22	1.34	1.31	1.51
C7611	Caspase12	1.16	1.20	5.01	2.33	3.59	4.06
C8854	Caspase13	0.36	0.40	1.33	2.12	1.00	1.00
C0979	Catalase	1.06	1.03	1.25	1.23	1.50	1.58
C8114	a E Catenin	0.90	0.89	1.40	1.50	1.25	1.56
C8239	aNCatenin	0.83	0.85	1.50	1.24	1.14	1.22
C2081	aCatenin	0.88	0.89	1.24	1.04	1.04	1.01
C7207	bCatenin	0.90	0.80	2.14	2.80	12.81	2.87
C7082	bCatenin	0.96	0.99	1.65	1.57	1.56	1.78
C8616	bCatenin pThr41	1.29	1.28	18.22	2.14	2.68	1.85
C4231	bCatenin pSer33pSer37	1.07	1.09	4.80	1.43	1.69	1.66
C5615	phospho-b-Catenin pSer45	1.01	1.00	2.80	2.20	3.90	2.02
C2363	bCatenin pSer33	0.96	0.95	1.29	1.14	1.14	1.10
C4864	dCatenin NPRAP	0.87	0.88	1.35	1.13	1.10	1.07
C0715	Cathepsin D	0.94	0.91	1.00	0.91	1.29	1.16
C2970	Cathepsin L	1.00	1.04	1.01	0.95	1.06	1.17
C3237	Caveolin1	0.97	0.95	1.12	1.05	1.00	1.01
C5987	CD40	0.57	0.71	0.81	0.57	0.48	0.68
C2238	Cdc14A	1.14	1.12	1.19	1.04	1.33	1.19
C0349	Cdc25c	1.35	1.37	1.57	1.40	1.39	1.35
C9479	Cdc25A	0.93	0.94	0.98	0.70	0.88	0.91
C7104	Cdc27	0.44	0.47	0.75	0.42	0.56	0.36
C0224	Cdc6	0.91	0.99	1.23	1.06	1.18	1.12
C6613	Cdc7 Kinase	1.15	1.11	1.23	1.07	1.13	1.27
C7855	Cdh1	1.14	1.17	1.36	1.17	1.16	1.16
C4973	Cdk1	0.63	0.77	0.85	0.67	0.75	0.73
	Negative Control	0.68	0.60	0.67	0.76	0.48	0.75
C8218	Cdk4	1.29	1.28	1.62	1.38	1.49	1.42
C8343	Cdk6	1.03	1.05	1.12	0.97	1.05	1.13
C7089	Cdk7 cak	0.98	1.03	1.10	1.04	1.07	1.14
T1827	TBP	0.99	0.99	1.51	1.12	1.08	1.11
C7488	CENPE	0.84	0.86	1.05	0.97	0.95	0.88
C7736	Centrin	1.10	1.05	1.30	1.16	1.28	1.21
C9358	Chk1	0.90	0.94	1.16	0.98	1.09	0.95
C9108	Chk2	1.00	1.05	1.60	1.12	1.16	1.22
C9233	Chk2	1.09	1.10	1.53	1.15	1.23	1.15
C8035	Chondroitin Sulfate	1.26	1.31	1.62	1.52	1.45	1.32
C5867	Ciliated Cell Marker	0.71	0.72	0.93	1.30	0.90	1.61
C8116	CIN85	0.76	0.74	1.01	1.12	1.06	1.07
C5367	Casein Kinase 2a	0.85	0.82	0.98	0.97	0.99	1.02
C1985	Clathrin Light Chain	0.89	0.90	0.92	1.09	1.10	1.09
C1860	Clathrin Heavy Chain	0.67	0.74	1.01	0.96	1.12	1.08

C5922	CNPase	0.65	0.69	0.91	0.91	1.00	1.14
C8736	Cofilin	0.78	0.76	0.87	0.88	0.92	0.81
C1862	Collin	0.76	0.75	0.99	0.82	1.09	0.92
C1926	Collagen Type IV	0.98	0.96	1.10	1.24	1.07	1.34
C3470	Connexin 32	0.97	0.95	0.95	0.95	0.98	1.06
C6344	Connexin 32	1.14	1.11	1.08	1.18	1.22	1.33
C8093	Connexin43	0.92	0.88	0.96	0.94	0.97	0.97
C6219	Connexin 43	0.91	0.87	0.93	0.88	0.94	0.93
G6160	bCOP	0.86	0.83	1.00	0.97	1.11	1.06
C6987	Cortactin	0.88	0.83	0.99	1.00	1.13	1.06
C5348	Corticotropin Releasing Factor	1.03	0.98	1.19	1.11	1.20	1.22
C9354	COX II	0.75	0.69	0.78	0.67	0.95	0.67
C0978	CrkL	0.90	0.94	1.06	1.02	1.14	1.01
C0853	Crk II	0.95	0.92	1.03	1.03	1.14	1.04
C7863	Csk	0.75	0.75	0.77	0.84	0.84	0.79
C9491	CtBP1	0.95	0.93	0.96	1.00	1.03	0.97
C8741	CtBP1	1.15	1.02	1.12	1.00	1.47	1.00
C5112	CUGBP1	0.97	0.78	0.75	2.15	0.79	2.15
C4710	Cyclin A	1.53	1.30	1.09	1.62	1.17	2.20
C8831	Cyclin B1	1.16	1.21	0.94	1.34	1.04	1.39
C5588	Cyclin D1	1.05	1.03	1.09	1.20	0.97	1.10
C7464	Cyclin D1	0.95	0.59	0.71	0.66	0.59	0.73
C7339	Cyclin D2	1.24	1.20	1.23	1.20	1.26	1.29
C7214	Cyclin D3	1.24	1.20	1.18	1.31	1.15	1.40
C5351	Cyclin H	1.30	1.22	1.32	1.09	1.20	1.54
C3095	Cystatin A	1.13	1.08	1.09	1.08	1.09	1.26
C8979	Cytohesin1	0.91	0.85	0.85	1.04	1.05	1.06
C5176	Cytokeratin peptide4	1.20	1.16	1.17	1.13	1.13	1.39
C7785	Cytokeratin CK5	1.57	0.76	1.02	0.64	0.51	1.18
C6417	Cytokeratin peptide 7	1.35	1.48	1.51	1.34	1.65	1.62
C7034	Cytokeratin 8 12	1.02	1.00	1.21	1.00	1.49	1.38
C6909	Cytokeratin 8 13	0.77	0.80	0.90	0.93	0.91	0.98
C0791	Cytokeratin peptide 13	0.92	0.91	1.01	0.87	0.84	0.98
C9179	Cytokeratin Peptide 17	1.13	1.10	1.15	1.04	1.20	1.21
C1399	Cytokeratin peptide 18	1.09	1.03	1.05	1.05	1.13	1.14
C6930	Cytokeratin peptide 19	1.23	0.98	1.33	1.42	1.41	1.92
C2931	Pan Cytokeratin	0.93	0.97	1.10	1.02	1.00	0.99
D2178	DAPK	1.27	1.09	1.07	1.02	1.29	1.00
D4941	DAPK pSer308	1.05	1.02	1.01	1.03	1.18	0.92
D3191	DAP Kinase 2	1.02	0.78	0.88	1.16	0.84	0.87
D7810	Daxx	1.04	0.97	1.34	1.38	1.18	1.32
D3566	DcR1	1.05	0.31	4.09	1.87	0.63	4.75
D3188	DcR2	0.29	0.33	0.53	0.51	0.33	0.30
D1814	DcR3	0.74	0.26	1.00	1.95	0.90	1.00
D3316	DEDAF	0.20	0.34	0.54	0.24	0.31	0.33
D1033	Desmin	1.23	1.14	1.42	1.32	1.20	1.27
D1286	Desmosomal Protein	1.29	1.23	1.70	1.36	1.44	1.48
D8940	Dextrin ADF	1.10	1.12	1.21	1.00	1.13	1.22
D0188	DNASE I	1.63	0.81	2.31	1.76	0.86	2.49
D1689	DNASE II	0.30	0.17	0.99	0.30	0.02	0.66
D4567	DNMT1	1.06	1.02	1.29	1.22	1.11	1.18
D4692	DNMT1	1.01	1.03	1.19	1.13	1.06	1.11
D0180	DOPA Decarboxylase	1.06	0.94	1.21	1.05	1.07	1.27
D7438	DP2	0.99	0.94	1.15	1.02	0.92	1.02
D3563	DR3	0.42	0.24	1.16	1.49	0.17	1.57
D3813	DR4	0.75	0.75	0.70	0.77	0.72	0.77
D3938	DR5	0.23	0.27	0.39	0.41	0.26	0.23

D1564	DR6	1.43	0.38	1.00	0.93	0.15	0.97
D1314	DRAK1	0.12	0.28	0.29	0.40	0.29	0.19
D8168	Dystrophin	1.20	1.14	1.58	1.13	1.25	1.34
D8043	Dystrophin	1.15	1.01	1.24	1.15	1.17	1.03
E9026	E2F1	0.84	0.79	0.98	0.94	0.84	0.71
E8901	E2F1	1.03	1.04	1.04	1.25	0.91	1.38
E8776	E2F2	1.03	1.02	1.03	1.12	0.98	1.19
E8651	E2F3	1.11	1.13	0.86	1.01	0.91	1.26
E8526	E2F4	1.13	1.14	0.80	0.99	0.84	1.27
E8655	E6AP	1.22	1.27	1.34	1.27	1.19	1.84
E3138	EGF receptor	0.98	1.10	1.05	0.98	0.89	1.19
E1523	ERK5 BIG MAPKBMK1	0.91	0.94	0.92	1.01	0.95	0.96
E4013	Elastin	1.24	1.23	1.12	1.13	1.16	1.26
E4531	ELKS	1.44	1.36	1.30	1.36	1.28	1.80
E6280	Endothelial Cell Protein C Receptor	1.37	1.44	1.71	1.37	1.36	1.56
E9653	Endothelial Cells	1.05	1.06	0.88	0.81	0.88	1.06
E0771	Endothelin	1.19	1.19	1.23	1.14	1.18	1.20
E2520	Epidermal Growth Factor	0.93	0.97	0.81	0.92	0.75	0.91
E0143	Episialin	1.15	1.20	1.31	1.12	1.08	1.47
E5031	ERP57	1.27	1.24	1.45	1.16	1.10	1.36
E0521	Estrogen Receptor	0.95	0.95	0.96	1.04	0.94	0.99
E1396	Estrogen receptor	0.95	0.96	1.06	1.05	1.02	0.97
E1531	Exportin T	1.13	1.29	1.98	1.33	1.33	2.05
E8897	Ezrin	1.32	1.28	1.30	1.22	1.21	1.34
F3428	F1A	0.54	0.54	0.41	0.42	0.35	0.39
F8053	FADD	1.39	1.41	2.01	1.38	1.68	1.60
F2918	Focal Adhesion Kinase pp125FAK	0.98	0.98	1.06	1.03	1.00	0.92
F9051	FAK Phospho pSer772	5.11	5.37	2.60	1.00	0.62	1.02
F9301	FAK Phospho pSer910	1.83	1.86	2.43	2.32	2.29	1.87
F7926	FAK pTyr397	1.15	1.07	1.53	1.13	1.45	0.98
F8926	FAK pTyr577	1.03	0.70	0.71	0.81	0.89	0.58
F5303	Falkor PHD1	1.12	0.99	1.12	0.97	1.18	1.21
F4424	Fas CD95 Apo1	1.14	1.06	1.03	0.98	1.05	1.07
F2051	Fas Ligand	1.01	0.97	0.96	0.99	1.02	1.07
F1926	Fas Ligand	1.02	1.00	1.00	1.01	1.06	1.10
F9429	FBI1 PAKEMON	1.22	1.14	1.29	1.14	2.17	1.84
F1672	Fibroblast Growth Factor9	0.75	0.78	0.82	0.89	0.70	0.73
F0791	Fibronectin	1.30	1.29	1.21	1.18	1.29	1.34
F3648	Fibronectin	1.05	0.98	1.01	0.96	1.05	1.09
F7387	Fibronectin	1.27	1.14	1.17	1.14	1.26	1.40
F1888	Filamin	1.31	1.27	1.24	1.17	1.31	1.37
F1043	Filensin	1.14	1.12	1.06	1.16	1.16	1.21
F6928	FKHR FOXO1a	1.12	1.08	1.10	1.05	1.34	1.20
F2178	FKHRL1 FOXO3a	1.01	0.91	1.02	1.00	1.08	1.07
F1304	FKHRL1	1.11	1.17	1.16	1.07	1.19	1.24
F9925	FLIPg d	0.73	0.58	0.58	0.57	0.57	0.52
F1054	FOXC2	1.21	1.23	1.40	1.64	1.87	1.78
F6304	FOXP2	1.04	1.01	1.17	1.13	1.24	1.20
F0305	FANCD2	1.09	1.05	1.03	1.06	1.03	1.04
F1554	FXR2	1.40	1.38	1.49	1.32	1.37	1.34
F9052	FRS2	0.95	0.91	0.95	0.95	0.94	0.91
G6919	G9a Methyltransferase	1.23	1.18	1.54	1.73	1.61	2.44
G4913	Glutamic Acid Decarboxylase 65	0.85	0.84	0.95	0.98	0.97	0.85
G5038	GAD 65	1.19	1.19	1.37	1.37	1.37	1.37
G5163	Glutamic Acid Decarboxylase GAD65 6	0.80	0.80	0.96	0.92	0.92	0.78
G6916	GADD153	0.91	0.94	1.09	0.96	1.04	0.89
G6666	GAP11P4BP	1.15	1.11	1.27	1.14	1.31	1.22

G8795	GAPDH	0.99	0.95	1.20	0.96	1.04	1.11
G0290	GATA1	0.84	0.86	0.98	0.99	0.93	0.93
G4896	Gelsolin	1.13	1.13	1.25	1.04	1.19	1.25
G6669	Gemin 2	1.26	1.24	1.38	1.19	1.30	1.27
G6544	Gemin3	1.27	1.21	1.28	1.22	1.41	1.37
G9269	GFAP Glial Fibrillary Acidic Protein	0.88	0.91	1.09	1.08	1.01	1.02
G3893	GFAP	1.37	1.26	1.81	1.11	1.65	1.27
G6670	Growth Factor Independence1	1.14	1.10	1.16	0.95	1.17	1.20
G9038	Glutamate receptor NMDAR 2a	0.75	0.79	0.96	0.89	0.93	0.74
G2781	Glutamine Synthetase	1.14	1.09	1.29	1.24	1.21	1.16
G7914	Glycogen Synthase Kinase3b	1.11	1.10	1.25	0.93	1.21	1.05
G4414	Glycogen Synthase Kinase3	1.30	1.32	1.47	1.27	1.54	1.35
G6414	Glycogen Synthase Kinase3 GSK3	1.11	1.12	1.48	1.18	1.58	1.08
G1044	GRANZYME B	0.98	0.97	1.14	1.03	1.04	0.94
G2791	Grb2	0.98	0.97	1.21	0.90	1.06	0.89
G7670	GRK2	1.06	1.05	1.07	0.98	1.07	1.00
G6541	GRP1	1.16	1.18	1.34	1.28	1.34	1.27
G4170	GRP75	0.87	0.12	2.61	2.25	0.52	2.13
G8918	GRP78 BiP	0.87	0.82	1.08	1.09	0.93	1.00
G4420	GRP94	1.00	0.67	4.24	2.85	1.08	2.12
A8103	hABH1	1.44	1.46	1.39	1.25	1.24	1.60
A8228	hABH2	1.01	0.86	1.25	1.04	1.11	1.51
A8353	hABH3	1.17	0.90	1.28	1.08	1.15	1.42
H9787	hBRM hSNF2a	1.54	1.24	3.33	2.50	1.68	9.55
H7161	HAT1	0.97	1.16	1.17	1.03	1.00	1.02
H3284	HDAC1	0.91	0.86	1.24	1.18	1.12	1.10
H6287	HDAC1	1.19	0.94	1.24	1.07	1.05	1.12
H3159	HDAC2	0.94	0.93	1.16	1.12	1.01	1.04
H2663	HDAC2	1.29	1.48	1.77	1.24	1.45	1.40
H6537	HDAC3	1.01	1.02	1.11	1.02	1.04	1.05
H3034	HDAC3	0.91	0.91	1.14	1.09	1.02	1.02
H9411	HDAC4	0.99	1.03	1.25	1.02	1.05	1.06
H9536	HDAC4	1.06	1.07	1.21	1.03	1.07	1.10
H4538	HDAC5	1.20	0.88	1.98	1.34	1.33	1.38
H8163	HDAC5	1.00	1.04	18.42	6.35	5.90	10.03
H2287	HDAC6	0.76	0.90	1.69	1.10	0.93	0.81
H2537	HDAC7	0.69	0.71	0.91	1.14	0.84	0.77
H6663	HDAC7	1.41	0.97	1.47	1.30	1.23	1.59
H6412	HDAC8	1.51	1.26	2.08	1.64	1.45	2.08
H3413	HDAC10	0.84	0.90	1.31	1.35	0.87	1.11
H2913	HDAC11	1.14	1.13	1.14	1.29	1.13	1.78
H9163	HDRP MITR	1.11	1.11	1.17	0.98	1.16	1.19
H4163	Heat Shock Factor 1	4.40	2.67	1.49	0.88	1.35	2.99
H6788	Heat Shock Factor 2	1.00	1.03	1.21	1.16	0.89	0.78
H0148	Heat Shock Protein 25	1.35	1.46	1.52	1.01	1.53	1.63
P1498	Heat Shock Protein 27	0.99	1.01	0.99	0.91	0.91	0.95
H2289	HSP 27 25	1.55	1.48	1.40	1.19	1.37	1.40
H5147	HSP70	4.26	5.06	16.42	2.95	4.08	16.83
H1775	HSP 90	1.53	1.74	1.66	1.18	1.43	1.67
H7412	Heat Shock Protein 110	0.96	0.95	0.99	1.15	1.01	1.07
H7287	Heat Shock Protein 110	1.46	1.47	0.87	1.01	1.16	1.13
H9286	Acetyl Histone H3 AcLys9	1.32	1.44	8.11	1.47	0.79	1.38
H0913	Acetyl Histone H3 AcLys9	1.23	1.24	1.33	0.93	1.26	1.35
H9161	Acetyl phospho Histone H3 AL9 S10	1.05	1.13	1.22	1.16	0.98	1.13
H0788	Acetyl phospho Histone H3 AL9 S10	1.22	1.20	1.44	1.40	3.97	1.82
D5692	Dimethyl Histone H3 diMeLys4	0.92	0.95	1.07	1.06	0.95	0.94
D5567	Dimethyl Histone H3 diMeLys9	0.70	0.77	0.77	0.87	0.80	0.74

H7162	methyl Histone H3 MeLys9	0.96	0.97	1.19	1.00	1.11	0.92
H5912	phosphoHistone H2AX pSer139	0.93	1.02	1.23	1.32	1.17	0.95
H6409	Histone H3 pSer10	1.30	1.52	10.66	2.48	3.69	15.50
H9908	Histone H3 pSer28	0.93	0.97	1.11	1.16	1.00	1.45
H0412	Histone H3 pSer10	1.10	1.10	1.26	1.24	1.20	1.29
S8316	SUV39H1 Histone Methyl Transferase	1.10	1.05	1.07	1.05	1.17	1.28
H9537	HMG1	1.13	1.05	1.04	0.98	1.17	1.21
M5818	hMps1	1.19	1.10	1.08	1.05	1.19	1.39
R4528	hnRNPA1	1.21	1.12	1.08	1.10	1.24	1.27
R9778	hnRNPA1	1.28	1.18	1.22	1.13	1.17	1.47
R4653	hnRNPA2B1	1.27	1.11	1.25	1.18	1.43	1.44
R5028	hnRNPC1C2	1.46	1.32	1.42	1.41	1.88	2.03
R8903	hnRNP KJ	1.19	1.18	1.10	1.08	1.31	1.35
R4903	hnRNPL	1.28	1.21	1.16	1.07	1.27	1.33
R5653	hnRNPQ	1.35	1.24	1.27	1.19	1.66	1.65
R6278	hnRNPU	1.34	1.27	1.24	1.16	1.48	1.38
R3777	hnRNP M3 M4	1.18	1.09	1.06	1.00	1.18	1.18
P5998	hPlk1	1.24	1.10	1.07	1.20	1.50	1.26
P6123	hPlk1	1.29	1.14	1.31	1.14	1.83	1.45
H9912	hSNF5 IN11	1.00	0.95	1.01	1.03	1.08	1.05
A4605	iASPP	1.31	1.29	1.26	1.27	1.94	1.44
I1659	IFI16	1.40	1.22	1.45	1.54	2.00	2.73
I0505	IkB a	1.06	0.99	1.13	1.16	1.30	1.10
I6139	IKKa	1.15	1.08	1.20	1.21	1.38	1.30
I0783	ILK	1.31	1.11	1.23	1.23	2.02	1.23
I1907	ILK	0.96	0.92	0.97	1.07	1.08	0.99
I4782	ILP2	0.44	0.41	0.44	0.61	0.57	0.35
I9658	Importina1	1.46	1.37	2.25	1.48	1.95	2.01
I9783	Importin a3	1.83	1.49	2.43	1.26	2.17	1.50
I9908	Importina 5 7	1.59	1.53	1.83	1.43	2.16	1.59
I5283	INCENP	1.01	1.01	1.33	1.11	1.08	0.98
I3659	ING1	1.45	1.45	1.54	1.13	1.71	1.50
I0282	alIntermexin	1.32	1.34	1.39	1.04	1.54	1.31
J3395	JAB 1	1.13	1.12	1.27	1.13	1.28	1.08
J3020	JAB1	1.04	1.00	1.09	1.01	1.05	1.01
J3774	JAK1	1.41	1.39	1.64	1.04	1.88	1.29
J4500	cJun N Terminal Kinase	1.42	1.42	1.49	1.07	1.52	1.32
J4750	JNK Activated Diphosphorylated JNK	1.53	1.57	1.92	1.27	2.11	1.36
K0514	KCNK9	1.11	1.08	1.09	1.04	1.12	1.07
K4263	Kaiso	1.96	1.73	3.39	1.25	3.02	1.53
K3638	KIF17	0.95	0.96	1.02	0.92	1.10	0.89
K3513	KIF3A	1.16	1.25	1.53	1.16	1.83	1.10
K4261	KSR	1.22	1.28	1.51	1.24	1.72	1.14
K2882	Ku Antigen	1.35	1.38	1.47	1.15	2.07	1.30
L4543	L1CAM	1.34	1.30	1.79	1.18	2.54	1.56
A0224	Afadin	1.02	1.04	1.14	0.94	1.23	0.93
L9393	Laminin	0.93	0.95	0.99	0.90	1.02	0.81
L0663	Laminin2 a2 Chain	2.35	2.35	3.07	2.25	7.63	2.93
L3414	LAP2 TMPO	1.49	1.53	2.21	1.36	3.37	1.50
L3410	Leptin	0.97	1.02	1.08	0.92	1.23	0.81
L2290	LIM Kinase1	0.95	0.98	1.10	1.67	1.17	1.66
L1538	LIN7	1.03	1.00	1.12	1.13	1.02	1.35
L7391	LIS1	1.45	1.57	1.54	1.35	1.78	2.14
L7917	LKB1	1.06	1.07	1.33	1.27	1.25	1.25
L4793	LDS1	1.10	1.09	1.24	1.27	1.24	1.23
M8069	Mad1	1.14	1.16	1.40	1.42	1.56	1.39
M8694	Mad2	1.33	1.37	1.41	1.33	1.91	1.93

M5683	MADD	1.00	1.00	1.00	1.00	1.00	1.00
M8194	MAFF	1.18	1.16	1.32	1.32	1.44	1.30
M5691	MAG11	1.17	1.13	1.28	1.32	1.28	1.34
M2441	MAG12	1.18	1.14	1.29	1.37	1.39	1.35
M7802	MAP Kinase Activated Monophosphorylated Tyro	1.32	1.41	2.06	2.21	1.22	2.28
M3682	MAP Kinase Monophosphorylated Tyro	1.62	1.49	1.24	1.83	1.36	1.46
M9692	MAP Kinase Activated Diphosphorylated Tyro	1.24	1.14	1.18	1.23	1.81	1.23
M3557	MAP Kinase Monophosphorylated Thre	1.59	1.52	1.32	1.64	3.40	1.87
M7927	MAP Kinase ERK1	0.83	0.82	0.97	0.96	0.98	0.80
M5670	MAP Kinase Erk1Erk2	1.03	1.08	1.07	0.98	1.06	1.06
M3550	MAP Kinase Activated Protein Kinase2	0.84	0.86	0.81	0.94	0.99	0.83
M3787	MAP Kinase Phosphatase1 MKP1	1.00	1.00	1.08	1.13	1.27	1.01
M3807	MAPK non phosphorylated ERK	1.34	1.37	1.65	1.63	2.91	1.76
M7431	MAP Kinase 2 ERK2	1.00	1.00	1.00	0.90	0.34	1.00
M5795	MAP Kinase Kinase MEK MAPKK	0.94	0.96	0.92	0.87	1.00	0.82
M2320	MAP2 2a 2b	1.30	1.15	1.69	1.43	2.51	1.41
M4278	MAP1	1.16	1.23	1.17	1.52	1.04	2.58
M6783	MAP1 Light Chain	1.42	1.79	1.57	1.28	1.89	4.08
M4528	MAP1b	2.09	1.98	1.64	2.45	1.39	2.22
M9942	MAP2	1.36	1.55	1.51	1.89	4.16	1.61
M6569	MBD1	5.38	5.33	2.42	8.02	1.00	22.99
M7568	MBD2a	1.12	1.09	1.21	1.26	1.24	1.22
M7318	MBD2ab	14.85	18.03	1.00	6.46	0.32	1.00
M9817	MBD4	1.03	1.02	1.06	1.00	1.03	1.06
M1944	MBDin XAB1	1.22	1.25	1.42	1.31	1.61	1.27
M3320	MBNL1	3.07	3.21	3.49	1.88	13.64	32.63
M8440	MCH	0.95	0.96	0.88	1.05	1.12	0.92
M8434	Mcl1	1.00	0.97	1.02	1.11	1.15	1.02
M2444	MDC1	1.61	1.67	2.21	1.55	6.74	1.94
M8558	MDM2	1.19	1.25	1.38	1.13	1.98	1.49
M4308	MDM2	1.41	1.55	1.53	1.43	2.22	1.67
M7815	MDM2	1.23	1.22	1.04	1.09	1.30	1.26
M0445	MDMX	1.58	1.45	1.50	1.34	1.84	1.49
M9317	MeCP2	0.92	0.94	1.01	0.93	1.14	0.84
M7443	MeCP2	2.10	1.78	1.54	1.71	5.71	2.74
M6818	MeCP2	1.54	1.69	1.51	1.27	3.46	1.58
M7194	MEKK4	1.45	1.50	1.77	1.42	3.14	2.55
M4937	Melanocortin3 Receptor	0.88	0.92	0.93	0.97	0.98	0.82
M3068	MGMT	1.54	1.43	1.68	1.67	2.38	1.85
M3319	Mint2	0.95	1.00	0.98	1.23	1.18	1.33
L3044	LRRK2 (PARK8)	1.27	1.31	1.16	1.23	1.84	1.71
M9192	MRP1	1.60	1.45	1.25	1.41	2.40	1.46
M3692	MRP2	1.80	1.63	1.15	1.35	3.13	1.97
M0939	aMSH	1.10	1.08	1.18	1.16	1.22	1.13
M2445	MSH6	1.18	1.15	1.23	1.17	1.46	1.17
M2820	MSH6	2.26	1.95	1.34	2.07	2.87	3.38
M5437	MSK1	0.89	0.82	0.86	0.90	1.07	0.80
M7569	MTA 2	1.27	1.26	1.14	1.17	1.50	1.53
M1320	MTA1	1.30	1.38	1.11	1.14	1.73	1.40
M7693	MTA1	3.73	2.44	1.67	1.93	14.22	4.65
M7818	MTA2 MTA1L	1.04	1.00	1.01	0.98	1.15	1.00
M0819	MTA3L	1.06	1.02	1.10	1.14	1.34	1.08
M3566	MTBP	0.22	0.28	0.30	0.40	0.27	0.24
T2949	mTOR	0.92	0.91	0.92	0.91	1.11	0.88
M2694	Munc181	0.99	0.98	0.98	1.01	1.35	0.98
M6194	Munc13 1	1.18	1.19	1.24	1.22	1.90	1.32
M9934	MyD88	0.79	1.00	0.51	0.77	1.00	0.60

M1570	Myosin	1.17	1.10	1.14	1.21	2.33	1.22
M3567	Myosin Ib Nuclear	0.99	0.94	0.91	0.93	1.16	0.88
M8064	Myosin IIA	0.88	0.89	0.87	0.91	1.05	0.79
M5566	Myosin IX Myr5	0.94	0.92	0.92	0.98	1.18	0.86
M7905	Myosin Light Chain Kinase	1.06	1.05	1.15	1.35	1.22	1.42
M4812	Myosin Va	1.06	1.12	1.10	1.26	1.24	1.40
M5062	Myosin Va	1.06	1.20	1.17	1.41	1.35	1.17
M0691	Myosin VI	1.04	1.07	1.10	1.08	1.15	1.14
M5187	Myosin VI	0.95	0.94	1.07	1.03	1.13	1.14
N9287	NBS1 Nibrin	1.16	1.20	1.19	1.26	3.56	2.95
N3037	NBS1	6.66	17.02	1.00	3.16	11.08	3.11
N3162	NBS1	20.72	15.76	1.03	1.80	3.31	1.53
N2911	Nck2	1.00	1.02	0.78	1.02	0.90	0.93
N2786	Nedd8	1.01	1.01	0.55	1.15	2.58	1.84
N3279	Nerve Growth Factor b	1.22	1.50	1.16	1.64	5.43	3.91
N5408	Nerve Growth Factor Receptor	1.80	1.97	1.37	1.30	2.40	1.59
N3908	Nerve growth factor receptor p75	0.89	0.96	0.96	0.89	0.97	0.96
N4412	Neurabin I	1.02	0.90	0.94	0.79	0.95	1.00
N5037	Neurabin II	1.35	1.92	2.21	2.00	24.59	16.73
N5162	NeurabinII	6.60	2.33	4.08	3.62	2.85	2.71
N3662	Neurofibromin	1.10	1.11	1.12	1.04	1.13	1.19
N2787	Neurofilament 160	1.03	1.05	0.73	0.96	1.59	1.02
N4142	Neurofilament 200	0.96	0.97	0.84	0.97	1.26	0.96
N0142	Neurofilament 200	1.09	1.21	0.96	1.60	1.91	1.08
N5389	Neurofilament 200	1.04	1.07	0.93	0.89	1.00	0.81
N5139	Neurofilament 68	1.03	1.01	0.68	0.68	0.76	0.75
N2912	Neurofilament 160 200	1.04	1.11	0.82	0.91	1.15	1.09
N8523	NFkB	1.73	2.24	5.43	2.77	39.58	6.47
N2661	NAK	1.11	1.13	1.00	1.11	1.66	1.38
N8912	NG2	1.09	1.18	1.38	0.87	3.52	2.04
N1660	Nicastrin	1.05	1.06	1.17	1.03	1.53	1.01
N2280	Nitric Oxide Synthase bNOS	1.94	1.89	5.45	1.12	3.58	5.49
N7155	Nitric Oxide Synthase bNOS	0.96	0.95	0.97	1.04	1.22	0.92
N9532	Nitric Oxide Synthase Endothelial eNO	1.08	1.08	1.12	1.00	1.19	1.12
N3893	Nitric Oxide Synthase Endothelial eNO	1.04	1.07	1.19	1.12	1.97	1.14
N2643	Nitric Oxide Synthase Endothelial eNO	1.03	1.07	1.04	0.96	1.33	0.74
N7782	Nitric Oxide Synthase Inducible iNOS	0.94	0.98	0.90	0.97	1.20	0.61
N9657	Nitric Oxide Synthase Inducible iNOS	1.24	1.26	0.93	0.95	2.79	0.83
N6786	Notch1	1.32	1.45	1.43	0.98	6.62	1.61
N0409	Nitrotyrosin	1.19	1.24	1.06	0.91	1.40	1.07
N9527	NTF2	1.28	1.40	1.28	1.02	4.81	1.26
N5287	Nuf2	2.01	1.44	1.37	1.38	5.67	1.26
O6264	OGlcNAc Transferase	14.05	12.87	1.05	1.42	1.00	1.00
O0138	OP18 Stathmin	1.07	1.08	1.27	1.07	1.83	0.59
O1136	Omithine Decarboxylase	1.23	1.18	1.59	0.99	4.22	0.96
P3118	p115 TAP	1.74	1.51	1.57	1.06	6.99	1.34
P1870	p120ctn	0.86	0.87	0.88	0.89	1.19	0.74
C0354	p130CAS	1.12	1.15	1.42	1.19	1.50	0.85
P2610	p14 arf	1.98	2.29	1.55	0.86	12.42	0.73
P0968	p16INK4a/CDKN2	1.31	1.34	1.74	1.34	1.97	1.04
P4354	p19INK4d	3.24	5.41	4.26	2.40	14.28	4.22
P1484	p21WAF1Cip1	0.99	0.99	1.05	1.03	1.10	1.07
P2859	p300 CBP	1.52	1.68	1.07	1.33	2.43	1.33
C3085	p34cdc2	1.26	1.33	1.05	0.99	1.95	1.13
P9489	p35 Cdk5 Regulator	0.92	0.94	0.96	0.93	1.21	0.81
M8432	p38 MAP Kinase NonActivated	1.88	1.67	1.45	1.43	1.56	1.65
M0800	p38 MAPK	0.87	0.92	0.83	0.99	1.08	0.90

M8177	p38 MAPK activated diphosphorylated	1.48	1.29	0.96	1.11	1.65	1.27
P5813	p53	1.04	1.09	0.97	0.95	1.23	1.08
P6874	P53	1.04	1.08	0.86	0.96	1.33	0.99
P8982	p53 pSer392	1.00	1.00	0.99	1.00	1.00	1.00
P4868	p53DINP1SIP	1.43	1.90	0.67	1.01	1.00	0.93
P4993	P53R2	0.37	1.00	1.00	0.48	0.25	0.45
B4561	P53 BP1	2.68	3.16	0.95	1.37	0.59	2.07
B4436	P53 BP1	1.62	1.91	1.05	1.09	0.93	1.44
P2735	p57kip2	1.08	1.17	1.54	1.07	1.62	1.18
P3362	p63	0.93	0.98	0.94	0.89	1.01	0.87
P3737	p63	1.01	1.01	0.94	1.05	1.30	0.96
P6246	PABP	1.09	1.26	1.26	1.04	1.43	1.36
P4749	PAD14	1.17	1.20	1.30	1.13	1.33	1.07
P3237	PAK1pThr212	1.02	1.25	1.26	0.99	1.38	0.96
P5367	Par4 Prostate Apoptosis Response 4	0.74	0.76	0.76	0.77	0.81	0.65
P5746	pParvin	1.17	1.10	1.04	1.13	1.21	1.56
P6248	Parkin	0.89	0.84	0.88	0.94	1.17	0.84
P7605	PARP	1.02	1.01	1.00	0.97	0.99	1.00
P1093	Paxillin	1.34	1.34	1.11	1.13	1.23	1.35
P7493	PCAF	1.03	1.07	1.03	0.94	1.05	1.02
P8825	Proliferating Cell Nuclear Antigen	1.34	1.45	1.15	0.95	1.68	1.74
P3110	PDK1	1.10	1.07	1.04	1.04	1.08	1.05
P5622	Pen2	1.26	1.23	1.18	1.16	1.32	1.15
P5117	Peripherin	1.01	1.01	0.98	1.01	1.04	1.00
P1247	Peroxiredoxin 3	1.07	1.07	1.08	1.08	1.11	1.04
P5243	PERP	0.26	0.32	0.31	0.40	0.30	0.24
P5242	Phospholipase A2 group v	1.01	1.02	0.97	0.99	1.00	1.00
P5747	Phosphoserine	0.99	1.02	0.91	0.93	1.04	0.95
P6623	Phosphothreonine	1.12	1.19	1.21	1.07	1.37	1.14
P1869	Phosphotyrosine	1.07	1.12	1.02	1.01	1.08	1.09
P8104	Phospholipase C g1	0.77	0.82	0.76	0.79	0.74	0.71
P1495	Phosphatidyserine Receptor	0.74	0.76	0.67	0.76	0.73	0.61
P9498	PIASx	1.18	1.15	1.05	1.03	1.15	1.13
P9371	PINCH1	1.03	1.09	1.10	1.03	1.16	0.96
P2482	Protein Kinase Ba	1.17	1.24	1.20	1.12	1.36	1.05
P1601	Protein Kinase Ba	0.80	0.78	0.78	0.79	0.77	0.68
P4112	PKB pSer473	0.85	0.86	1.06	1.91	1.27	2.13
P3862	PKB pThr308	1.03	0.99	1.43	1.12	1.24	1.06
P5704	Protein Kinase C PKC	1.01	1.11	1.25	1.29	1.51	1.76
P4334	Protein Kinase C Ca	0.91	0.95	1.04	0.93	1.04	0.91
P3078	Protein Kinase C b1	0.64	0.64	0.78	0.67	0.73	0.66
P6959	Protein Kinase C b1	1.50	1.53	1.20	1.15	1.31	1.16
P3203	Protein Kinase C b2	0.59	0.65	0.64	0.64	0.68	0.50
P2584	Protein Kinase C b2	0.69	0.72	0.67	0.63	0.67	0.64
P8083	Protein Kinase Cg	0.79	0.91	0.82	0.58	0.81	0.51
P8333	Protein Kinase C d	0.76	0.80	0.83	0.81	0.80	0.73
P8458	Protein Kinase C e	0.82	0.83	0.87	0.89	0.83	0.86
P0713	Protein Kinase C	0.83	0.86	0.85	0.93	0.86	0.88
P8090	Protein Kinase C	0.78	0.83	0.81	0.84	0.77	0.80
P3987	Protein Kinase D	0.80	0.82	0.74	0.95	0.73	0.92
P0244	PKR	0.76	0.78	0.75	0.89	0.77	0.80
P8087	Plakoglobin Catenin g	0.62	0.65	0.63	0.71	0.51	0.52
P7679	Platelet-Derived Growth Factor Recept	0.28	0.37	0.40	0.41	0.15	0.14
P9318	Plectin	0.87	0.88	0.79	0.69	0.80	0.63
P6746	PML	0.88	0.91	0.79	0.69	0.77	0.66
P7854	Presenilin1	0.80	0.84	0.79	0.78	0.79	0.67
P5999	Prion Protein	0.63	0.76	0.59	0.45	0.59	0.22

P6871	PRMT1	0.60	0.76	0.54	0.48	0.51	0.30
P6996	PRMT1	0.72	0.82	0.67	0.66	0.65	0.36
P0748	PRMT2	0.68	0.87	0.98	2.55	1.38	6.39
P9370	PRMT3	1.06	0.94	1.11	1.62	2.01	3.36
P4995	PRMT4	1.15	1.22	1.19	1.20	1.18	1.33
P0493	PRMT5	1.53	1.61	1.80	1.57	1.91	1.84
P6495	PRMT6	0.98	1.00	0.92	0.80	0.92	0.76
P2996	PRMT6	1.07	0.99	0.84	1.17	1.06	1.41
P6834	Proliferating Cell Protein Ki67	1.21	1.20	1.31	1.26	1.34	1.22
P7979	Protein phosphatase 1a	1.26	1.26	1.30	1.32	1.27	1.09
P7607	Protein Phosphatase 1a	1.01	0.98	0.96	1.04	0.97	0.99
P8998	Protein Phosphatase 2Aa	1.01	1.00	0.79	0.82	0.82	0.91
P4555	Protein S	1.15	1.10	1.14	1.26	1.20	1.28
P9109	Protein Tyrosine Phosphatase PEST	1.05	1.08	1.25	1.25	0.96	0.95
P2860	PSF	1.03	1.02	0.72	0.80	0.79	0.85
P7482	PTEN	0.92	0.90	0.94	1.07	0.98	1.04
P3487	PTEN	0.96	0.96	1.01	0.99	1.01	1.14
P4618	PUMA bbc3	0.26	0.35	0.48	0.63	0.43	0.36
P4743	PUMA bbc3	0.21	0.27	0.27	0.37	0.34	0.26
P3902	Pyk2	0.92	0.92	0.74	0.82	0.77	0.75
A9856	AP2 beta	0.90	0.80	0.62	1.00	0.87	1.32
P6989	Pyk2 Phospho pTyr579 580	1.00	1.32	2.21	1.84	0.85	1.00
A9981	AP2 alpha	0.66	0.63	0.51	0.61	0.51	0.43
A3108	AP2 gamma	0.74	0.77	0.46	0.76	0.47	0.57
R7904	Rab5	0.91	0.90	0.61	1.02	0.61	0.91
R8779	Rab7	1.52	1.30	1.90	2.94	1.10	2.71
R5404	Rab9	0.86	0.90	0.87	0.96	0.68	1.04
R5029	RAD1	1.00	1.03	1.04	0.93	0.95	0.70
R8029	Rad17	0.95	0.82	0.63	0.83	0.34	0.47
R2404	Raf1cRaf	1.96	1.65	1.47	1.10	0.88	1.10
R5773	Raf1	0.82	0.86	0.93	0.94	1.02	0.84
R1151	cRaf pSer621	0.31	0.39	0.49	0.52	0.45	0.35
R9775	RAIDD	0.16	0.32	0.24	0.40	0.18	0.18
R5275	RAIDD	1.00	1.00	1.00	0.63	0.34	1.27
R8529	RALAR	0.94	0.89	0.95	0.66	0.91	0.64
R4777	Ran	1.05	0.96	1.06	0.80	0.83	0.67
P0104	PIASy	0.97	0.84	1.07	0.76	1.02	0.67
R8154	RAP1	1.35	1.49	1.10	0.94	0.78	0.89
R3779	RbAp48 RbAp46	1.09	1.12	0.93	0.97	0.69	0.81
R4904	Reelin	0.95	0.94	0.87	0.91	0.80	0.93
R6775	Retinoblastoma	0.77	0.79	0.85	0.92	0.68	0.87
R6878	Retinoblastoma pSer795	2.95	1.77	1.25	0.98	0.62	0.58
R6153	RhoE	1.90	1.85	1.10	0.99	0.69	0.78
R9650	RICK	0.30	0.37	0.79	0.47	0.30	0.29
R8274	RIP Receptor Interacting Protein	1.11	1.07	1.07	0.91	0.97	1.00
R3529	RNaseL	1.95	1.98	3.36	1.57	1.32	1.39
R6028	ROCK1	1.04	1.12	1.01	0.85	0.92	0.65
R8653	ROCK2	1.41	1.20	0.97	0.88	0.81	0.72
R5145	Rsk1	0.90	0.93	0.88	0.97	0.86	0.91
S2644	S100	0.87	0.86	0.74	0.92	0.70	0.84
S2407	S100 aSubunit	1.03	1.04	0.75	1.01	0.59	1.09
S2532	S100 bSubunit	1.24	1.24	0.81	1.14	0.74	1.28
N5411	S Nitrosocysteine	0.81	0.84	0.73	0.89	0.70	0.77
S4047	S6 Kinase	0.92	0.95	0.98	0.97	0.95	0.90
S0315	SAPK3	3.24	1.10	1.41	1.02	0.51	1.15
S3396	Spectrin a and b	1.18	1.15	0.82	0.94	0.63	0.92
P8109	Serine Threonine Protein Phosphatase	0.98	0.98	0.98	0.84	0.91	0.96

P7484	Serine Threonine Protein Phosphatase	0.91	0.94	0.94	0.77	0.79	0.88
P7609	Serine Threonine Protein Phosphatase	0.99	0.98	0.98	0.80	0.83	0.96
P5359	Serine Threonine Protein Phosphatase	1.02	0.99	0.88	0.79	0.71	0.95
P8359	SerineThreonine Protein Phosphatase	0.77	0.81	0.42	0.73	0.33	0.78
P8609	Serine Threonine Protein Phosphatase	1.03	1.01	0.74	0.93	0.65	1.02
S5188	SGK	1.01	0.98	0.68	1.01	0.63	0.94
S3056	SHPTP2	0.78	0.80	0.71	0.87	0.64	0.76
S7945	Siah2	0.90	0.80	0.54	0.84	0.40	0.69
S4445	Sin3A	0.99	0.97	0.84	1.03	0.70	0.92
S6695	Sin3A	1.07	1.07	0.99	0.94	0.70	1.00
S5313	Sir2	0.65	0.68	0.71	0.72	0.59	0.54
S1311	SIRPa1	0.57	0.50	1.91	0.71	0.50	0.46
S5196	Sirt1	1.03	1.01	1.13	0.98	0.95	0.93
S9568	SKM1	0.95	0.94	0.79	0.94	0.74	0.94
T8578	Beta tubulin III (neuronal)	0.76	0.80	0.67	0.90	0.65	0.76
S1190	SLIPR MAGI3	0.97	0.98	0.93	0.98	0.93	1.00
S4191	SLIPR MAGI3	0.80	0.85	0.76	0.84	0.73	0.81
S3934	Smad4	1.00	1.04	1.04	0.99	1.04	1.05
S6446	SMC1L1	0.98	1.02	0.97	1.02	0.93	0.91
S2944	SMN	0.88	0.93	0.78	0.95	0.74	0.82
S9444	a b SNAP	0.85	0.88	0.88	0.95	0.88	0.87
S2194	SNAP23	0.83	0.87	0.84	0.89	0.83	0.77
S9684	SNAP25	0.83	0.87	0.84	0.89	0.84	0.79
S2069	SNAP29	0.89	0.92	0.83	0.98	0.86	0.88
S2937	Sos1	0.84	0.86	0.84	0.94	0.84	0.84
S9809	Sp1	0.87	0.92	0.78	0.92	0.77	0.86
S7320	Spred2	0.83	0.86	0.68	0.82	0.66	0.88
S0696	Striatin	0.59	0.66	0.58	0.81	0.54	0.58
S8305	Substance P Receptor	0.78	0.81	0.83	0.90	0.79	0.79
S0941	SMAC Diabolo	0.72	0.75	0.68	0.74	0.70	0.62
S8070	SUMO1	0.66	0.76	0.51	0.80	0.47	0.59
S5446	SUMO1	0.85	0.88	0.82	0.89	0.81	0.80
S8191	Survivin	0.70	0.72	0.63	0.77	0.65	0.62
S2177	Synaptotagmin	0.84	0.86	0.63	0.83	0.64	0.68
S9442	Synaptopodin	0.82	0.88	0.70	0.84	0.66	0.71
S9567	Synaptopodin	0.77	0.82	0.62	0.86	0.63	0.68
S4945	SynCAM	0.39	0.48	0.49	2.38	0.69	1.93
S4688	a1Syntrophin	0.88	0.86	0.93	1.16	0.88	1.15
S4813	a1 Syntrophin	0.85	0.84	0.91	1.11	0.86	0.89
S0664	Syntaxin	0.91	0.86	0.95	1.04	0.88	1.19
S9067	Syntaxin 6	0.87	0.64	0.60	0.81	0.55	0.88
S8945	Syntaxin 8	0.53	0.58	0.60	0.99	0.57	0.44
S3062	aSynuclein	0.73	0.72	0.78	0.88	0.73	0.72
T1075	Tal	0.63	0.51	0.63	0.75	0.59	0.69
T1200	Tal	0.53	0.63	0.53	0.69	0.51	0.48
T1076	TAP	0.75	0.71	0.57	0.80	0.64	0.55
T9450	Tau	0.70	0.66	0.50	0.71	0.42	0.58
T6819	Tau pSer199 202	0.60	0.66	0.44	0.78	0.38	0.46
T5530	Tau	0.63	0.60	0.51	0.73	0.46	0.51
T2551	Tenascin	0.73	0.71	0.76	0.85	0.59	0.74
T7076	Thimet Oligopeptidase 1	0.80	0.74	0.69	0.80	0.68	0.87
T2576	TIS7	0.57	0.60	0.45	0.70	0.45	0.44
T1815	Tumor Necrosis Factor Soluble Recept	0.38	0.42	0.34	0.69	0.29	0.41
T2948	Tob	0.75	0.68	0.57	0.82	0.50	0.60
T6319	TOM22	0.87	0.83	0.83	0.86	0.74	0.79
T8573	Topoisomerasel	0.55	0.54	0.50	0.69	0.45	0.51
T3067	TRAIL	0.37	0.39	0.37	0.55	0.30	0.26

T9191	TRAIL	0.40	0.41	0.41	0.60	0.33	0.35
T9429	Transforming Growth Factorb pan	0.79	0.73	1.10	3.36	0.73	4.51
T0825	Transformin 1	1.00	1.02	1.10	1.04	1.05	1.14
T1948	TRF1	1.07	1.09	1.22	1.08	1.00	1.23
T2780	Tropomyosin	0.93	0.90	1.02	0.71	0.78	0.88
T9283	Tropomyosin	0.68	0.70	0.88	0.80	0.63	1.25
T0678	Tryptophane Hydroxylase	0.81	0.79	1.09	1.03	0.75	1.45
T5826	TSG101	0.82	0.89	1.79	1.10	0.78	0.98
T6074	aTubulin	1.09	1.03	1.07	0.94	0.84	1.07
T6199	aTubulin	0.92	0.93	0.93	1.04	0.83	1.07
T5201	bTubulin	0.81	0.82	0.94	1.09	0.68	1.25
T7816	bTubulin I	1.05	0.99	1.13	1.22	0.93	1.19
T8535	bTubulin II	1.06	1.05	1.50	0.97	0.72	0.93
T5076	bTubulin III	1.12	1.09	1.08	1.10	0.94	1.22
T7941	bTubulin IV	1.04	1.02	1.11	1.05	1.02	1.16
T5326	gTubulin	0.84	0.79	1.15	1.15	0.76	1.25
T3559	gTubulin	0.87	0.89	0.97	0.97	0.83	0.86
T3320	gTubulin	0.95	0.92	0.95	1.08	0.82	1.10
T1323	e Tubulin	0.80	0.78	0.88	1.07	0.70	1.13
T9822	Tubulin Polyglutamylated	0.89	0.90	1.01	1.01	0.76	1.22
T9028	Tubulin Tyrosine	1.07	1.09	1.04	0.95	0.93	1.04
T8300	Tumor Necrosis Factor a	0.62	0.63	0.71	0.80	0.67	0.69
T2824	Tumor Necrosis Factor a	0.59	0.62	0.64	0.86	0.58	0.68
N3038	Nanog	0.88	0.85	1.01	0.97	0.78	1.05
T9700	TWEAK Receptor	0.74	0.73	0.75	2.67	0.65	2.91
T2928	Tyrosin hydroxylase	1.19	1.18	1.12	1.17	1.09	1.34
U4758	U2AF65	0.73	0.72	0.98	0.73	0.74	0.79
U0508	Ubiquitin	0.99	0.95	1.01	1.01	0.97	0.92
U5133	Ubiquitin C terminal Hydrolase L1	0.87	0.87	0.86	0.93	0.73	0.91
U5258	Ubiquitin Cterminal Hydrolase L1	0.78	0.77	0.84	0.78	0.71	0.70
P0084	Pinin	0.80	0.78	0.86	0.70	0.61	0.76
V2764	Vanilloid Receptor1	0.96	0.95	0.90	1.02	0.90	0.98
V2139	VDAC Porin	0.78	0.77	0.66	0.74	0.57	0.68
V4762	Vascular Endothelial Growth Factor Re	1.05	0.98	1.01	0.87	0.89	1.04
V5764	Vesicular GABA Transporter	0.87	0.85	0.98	0.82	0.76	0.83
V0389	VGLUT1	0.88	0.84	1.06	0.83	0.93	0.83
V2639	VGLUT 2	0.98	0.93	0.85	1.09	0.74	0.93
V6389	Vimentin	0.72	0.72	0.98	0.80	0.57	0.84
V4505	Vinculin	0.70	0.67	0.80	0.62	0.57	0.64
V7881	Vitronectin	1.06	1.04	1.09	0.99	1.00	1.10
W0392	WAVE	0.78	0.70	1.11	0.68	0.53	0.52
W3516	WSTF	0.77	0.75	0.82	0.74	0.54	0.61
Y1253	Y14	0.86	0.86	0.89	0.72	0.60	0.70
Z0627	ZAP70	0.94	0.92	1.23	0.82	0.70	0.75
Z0134	Zip Kinase	0.39	0.44	0.63	0.50	0.46	0.36
Z0377	Zyxin	0.93	0.86	1.37	0.86	0.79	0.82

Net intensity ratio indicates a ratio of intensity (means) in an irradiated sample to that in a control sample