

SYMBOL	TARGET ID	PC-3B1A-1	PC-3B1A-2	PC-3B1A-3	PC-3-1	PC-3-2	PC-3-3	SIGNED SIG	P-VALUE
FRZB	GI 38455387-S	284.90	280.79	276.74	55.88	61.64	51.10	0.999998939	1.1E-06
IL11	GI 24430217-S	2263.74	2161.72	2271.42	66.46	-37.34	59.96	0.999998522	1.5E-06
BCL2L1	GI 20336333-A	19581.03	19321.16	20089.90	7361.65	6778.16	6796.42	0.999997658	2.3E-06
MMP3	GI 13027803-S	16.91	5.87	43.77	660.83	635.43	674.02	-0.999997605	2.4E-06
GRB7	GI 4885354-S	273.25	252.68	253.43	-84.25	-106.54	-97.31	0.999997121	2.9E-06
FYN	GI 23510363-A	269.87	228.99	257.69	1063.60	1026.59	1079.44	-0.999995898	4.1E-06
BCL2	GI 4557356-A	-119.10	-107.41	-91.38	302.48	294.30	280.37	-0.999995759	4.2E-06
MLLT6	GI 5174576-S	-8.86	-6.30	-1.29	120.13	113.06	111.32	-0.999994038	6E-06
PPARD	GI 29171749-A	2573.31	2440.86	2504.25	960.97	830.42	904.33	0.999992535	7.5E-06
CDKN2D	GI 17981701-A	2171.79	2226.37	2107.87	783.72	719.24	692.20	0.999991753	8.2E-06
DAB2	GI 4503250-S	5009.51	4475.23	4813.85	12389.73	11788.32	11934.19	-0.999991493	8.5E-06
ERBB4	GI 4885214-S	-147.86	-141.73	-137.27	-16.62	-10.49	-9.01	-0.999991107	8.9E-06
IL6	GI 10834983-S	498.70	466.55	488.39	-61.60	-97.65	-49.66	0.999978908	2.1E-05
EPS8	GI 34222299-S	3052.98	2806.54	3063.14	5843.39	5996.20	5812.47	-0.999973113	2.7E-05
WT1	GI 13386511-A	666.61	457.68	541.82	2386.88	2516.60	2299.96	-0.999969916	3E-05
IL1A	GI 27894329-S	-171.81	-144.91	-156.92	63.47	56.10	85.39	-0.999952187	4.8E-05
AXL	GI 21536467-A	22102.98	20784.17	22156.69	6814.83	5939.50	6344.57	0.99994283	5.7E-05
SERPINE	GI 10835158-S	15320.58	15795.33	14931.05	2438.49	2523.39	2190.18	0.999938995	6.1E-05
IGFBP6	GI 11321592-S	3723.93	3551.74	3603.30	2555.91	2492.61	2398.17	0.999918116	8.2E-05
ARHGDI	GI 10835001-S	2303.05	2088.08	2345.15	16489.58	16083.71	15636.54	-0.999908977	9.1E-05
RBL2	GI 21361291-S	1853.40	1803.24	1734.76	3585.51	3455.33	3380.23	-0.999899369	0.0001
BMP4	GI 19528651-A	31.41	38.41	67.95	310.96	324.25	282.60	-0.999896803	0.0001
CBFA2T1	GI 28329415-A	157.25	184.17	172.55	579.40	575.35	535.79	-0.999893749	0.00011
BAD	GI 14670387-A	4261.51	4616.96	4483.50	2443.66	2219.50	2167.71	0.999893079	0.00011
SRC	GI 38202216-A	4682.72	4365.50	4483.75	2602.73	2632.00	2401.64	0.99988977	0.00011
PTPRH	GI 4506312-S	1469.57	1171.01	1333.93	3463.94	3476.57	3322.31	-0.999842384	0.00016
TSC1	GI 24475626-S	181.20	146.37	198.15	510.85	478.35	504.89	-0.999835753	0.00016
COL1A1	GI 14719826-S	337.12	371.09	409.95	21.40	7.57	-30.03	0.999760543	0.00024
PTCH	GI 25121959-S	4892.99	4629.96	5074.51	2455.59	2272.85	2186.34	0.999755877	0.00024
ILB	GI 28610153-S	32941.08	31371.70	30299.13	11102.85	10193.73	11301.72	0.999743973	0.00026
MYC	GI 31543215-S	22444.97	19943.32	22095.06	38264.81	38011.61	36881.96	-0.999696915	0.0003
PTHLH	GI 4506268-S	22890.67	21799.22	21681.83	3164.44	3000.46	3021.94	0.999670771	0.00033
E2F3	GI 12663913-S	2626.17	2606.31	2647.60	3436.43	3506.47	3404.32	-0.999661221	0.00034
SH3BP2	GI 19923154-S	-21.60	-10.48	-33.01	151.14	120.45	147.18	-0.999655959	0.00034
TGFB2	GI 23308726-S	2466.01	2181.75	2422.84	3828.12	3751.34	3567.47	-0.999648019	0.00035
MYB	GI 4885496-S	-149.14	-148.80	-135.18	353.70	311.14	357.39	-0.999638004	0.00036
PTPRF	GI 18860895-A	6458.60	6431.13	6415.86	10041.38	9913.80	9773.28	-0.999632268	0.00037
BRCA2	GI 4502450-S	3158.06	3064.94	2742.83	5689.78	5551.74	5119.94	-0.999492051	0.00051
ERC6	GI 4557564-S	130.48	117.15	138.98	-51.32	-72.75	-34.76	0.999480675	0.00052
MCAM	GI 5729917-S	11432.04	10478.85	11401.25	860.18	637.23	729.19	0.999412248	0.00059
MMP7	GI 13027804-S	-15.23	-17.78	-10.88	43.23	51.39	38.56	-0.999273053	0.00073
SPARC	GI 4507170-S	1733.51	1529.58	1808.38	12856.63	11580.61	11997.37	-0.999191549	0.00081
MADH2	GI 20127489-S	5200.58	4816.43	4939.27	3609.02	3199.18	3179.13	0.999051371	0.00095
TCF7L2	GI 13540470-S	1810.94	1574.23	1866.49	4066.94	4237.94	3693.50	-0.999046664	0.00095
CASP8	GI 15718711-A	3408.23	2816.07	2936.99	5344.45	5008.04	5418.37	-0.999032159	0.00097
PTK2	GI 27886592-A	14909.39	13757.60	14188.26	8098.58	6219.36	7334.40	0.999015424	0.00098
ARNT	GI 30795239-A	4374.61	4119.43	4149.04	5559.87	5323.74	5223.35	-0.998973608	0.00103
AR	GI 21322251-S	1274.85	1186.05	1338.43	14.33	-4.94	5.63	0.998950713	0.00105
BAK1	GI 33457353-S	9069.43	8912.96	8926.07	6229.44	6521.80	6033.77	0.99894413	0.00106
MMP1	GI 13027798-S	1522.48	1407.10	1615.69	14226.49	12889.03	14268.51	-0.998852983	0.00115
TNFRSF6	GI 23510430-A	841.77	745.12	855.18	2987.18	2641.56	2731.84	-0.998840834	0.00116
TERT	GI 38201699-A	970.32	1002.23	931.99	304.40	399.23	249.87	0.99881879	0.00118
CYP1A1	GI 13325053-S	-115.29	-107.20	-107.92	-83.29	-75.59	-82.84	-0.998808062	0.00119
GLI	GI 4885278-S	-126.84	-108.80	-110.50	-39.79	-51.50	-50.29	-0.998796861	0.0012
SHAH1	GI 4506946-S	1224.31	1151.13	1162.46	1469.35	1432.37	1474.84	-0.998717693	0.00128
SKIL	GI 4885598-S	6745.14	6461.53	6212.84	3496.21	2552.42	3096.80	0.998681859	0.00132
MET	GI 4557746-S	33319.70	31114.85	33088.30	16677.16	16199.20	16491.71	0.998660618	0.00134
MYBL2	GI 31652260-S	2725.00	2512.85	2672.91	1879.90	1991.51	1859.90	0.998602103	0.0014
FZD7	GI 4503832-S	-27.26	-8.84	-12.16	3017.07	2661.89	2970.42	-0.998561459	0.00144
MSH6	GI 4504190-S	10820.22	9607.88	9606.72	15584.27	14652.11	16498.31	-0.998463689	0.00154
MMP10	GI 4505204-S	2192.48	2002.77	2287.16	5350.62	4671.74	4952.85	-0.99843301	0.00157
RAD54B	GI 20143929-A	11104.64	10319.03	10035.78	7200.31	7220.98	6586.40	0.998423176	0.00158
CDKN1A	GI 17978496-A	4444.81	4367.80	4472.81	3391.30	3359.91	3146.96	0.998420396	0.00158
RBBP2	GI 4826967-S	3000.69	2401.16	3152.73	5274.58	5592.63	5072.55	-0.998372169	0.00163
ILK	GI 4758605-S	3577.20	3146.60	3364.24	4819.61	4517.29	4615.89	-0.998343204	0.00166
BCL2A1	GI 14574570-S	12592.86	13021.86	12311.05	9306.50	8157.29	8329.30	0.998280212	0.00172
PDGFRA	GI 15451787-S	1137.99	708.84	1114.09	4699.76	5448.70	4451.16	-0.998242781	0.00176
AREG	GI 22035683-S	6890.74	6853.34	6465.54	3041.33	1967.38	2657.34	0.998140254	0.00186
PNUTL1	GI 9945438-S	-48.55	-41.61	-27.02	194.52	141.73	174.36	-0.998092589	0.00191
BIRC3	GI 33946284-A	2927.20	2792.72	2550.57	444.24	422.15	401.10	0.998009287	0.00199
CSF2	GI 27437029-S	32.09	58.21	28.18	-162.04	-214.53	-155.83	0.997993594	0.00201
TFF1	GI 4507450-S	5163.60	4848.84	4815.45	2234.43	1402.61	1589.45	0.997956033	0.00204
VEGF	GI 30172563-S	1632.41	1524.05	1602.70	3065.08	2750.72	2882.53	-0.997892162	0.00211
GAS7	GI 4503920-A	-192.72	-185.02	-193.77	-164.08	-168.45	-159.54	-0.997793257	0.00221
MEL	GI 16933666-S	12710.21	12490.86	13178.69	10493.34	9764.92	9495.66	0.997765254	0.00223
FANCA	GI 4503654-S	576.98	597.73	524.41	1965.38	1860.37	1689.43	-0.997650822	0.00235
ICAM1	GI 4557877-S	578.88	513.55	573.60	2893.48	2924.20	2543.56	-0.997640024	0.00236
TK1	GI 4507518-S	21393.58	21817.09	22113.31	14381.03	12301.83	13009.28	0.997619657	0.00238
FLI1	GI 7110592-S	-115.42	-114.66	-97.41	243.66	221.25	172.78	-0.997583666	0.00242

Supplementary Fig. (1). cumtd....

SPP1	GI 38146097-S	98.55	91.80	139.08	4745.85	5237.98	4425.70	-0.997557157	0.00244	
ERCC3	GI 4557562-S	3551.41	3292.51	3533.39	2569.49	2638.08	2293.76	0.997537768	0.00246	
TNFRSF10	GI 22547118-A	1080.38	947.54	1096.14	1986.79	1726.03	1967.32	-0.99749529	0.0025	
FGF1	GI 15055544-A	2329.80	1927.66	2252.84	1239.46	869.26	1074.06	0.997372024	0.00263	
EV12A	GI 7657074-S	1134.25	1007.00	1109.40	6268.20	5347.44	5618.06	-0.997075012	0.00292	
ING1	GI 38201662-A	5040.74	5370.73	5082.96	4033.70	4038.27	3601.10	-0.997067674	0.00293	
MAP3K8	GI 22035597-S	578.40	582.73	543.32	2137.94	1869.79	1907.83	-0.997007576	0.00299	
BLM	GI 4557364-S	3518.89	2933.80	3363.30	5502.14	4755.73	5328.44	-0.99687532	0.00312	
DVL3	GI 6806886-S	13950.66	13412.61	13886.81	10269.70	8935.57	9578.33	0.996830031	0.00317	
PDGFA	GI 15208655-A	221.55	229.39	241.73	1971.17	1710.06	1633.91	-0.996810802	0.00319	
IFNGR1	GI 4557879-S	4267.38	3998.38	3634.71	9793.59	8381.20	8688.38	-0.996779558	0.00322	
FLT1	GI 32306519-S	-141.34	-136.78	-148.61	1280.17	1027.38	1110.50	-0.996703479	0.0033	
FGFR3	GI 13112047-A	-131.11	-145.00	-137.83	382.41	480.62	377.00	-0.996666052	0.00333	
STAT5B	GI 21618343-S	-85.86	-69.92	-74.12	-34.53	-39.93	-29.58	-0.996652722	0.00335	
IGF2	GI 6453816-S	-100.22	-81.07	-81.15	20262.41	16509.95	18766.24	-0.996580511	0.00342	
FAT	GI 4885228-S	2680.43	2159.42	2434.96	6.32	-44.62	11.02	0.996578175	0.00342	
DDIT3	GI 34147657-S	4431.76	4283.51	4285.54	1768.62	1110.90	1659.72	0.996498854	0.0035	
MTA1	GI 14141149-S	5442.21	4844.89	5414.41	7431.29	6737.81	6860.17	-0.99633879	0.00366	
MCF2	GI 19923309-S	64.96	80.12	71.49	147.45	167.73	139.19	-0.996338125	0.00366	
QARS	GI 4826959-S	3235.49	3110.12	3221.82	4663.11	4323.81	4342.82	-0.996324151	0.00368	
FHIT	GI 4503718-S	-25.38	-20.19	18.56	125.05	95.37	87.83	-0.996179315	0.00382	
FGF2	GI 15451897-S	2368.83	2110.56	2323.65	1758.44	1515.98	1588.92	0.99605518	0.00394	
TFAP2C	GI 19923162-S	2602.87	2327.11	2943.26	-37.04	-81.23	-39.34	0.995800286	0.0042	
IL1B	GI 27894305-S	343.82	236.25	308.54	2645.44	3166.86	2585.77	-0.995577375	0.00442	
IGFBP2	GI 10835156-S	-150.23	-132.30	-125.03	19.00	80.49	35.14	-0.99543461	0.00457	
ALK	GI 29029631-S	-203.47	-175.31	-196.13	-136.66	-123.60	-106.78	-0.99541604	0.00458	
TNFSF10	GI 23510439-S	37.01	-4.59	44.66	-97.58	-115.65	-85.63	0.995279818	0.00472	
E2F1	GI 12669910-S	5055.63	5029.85	4974.78	3586.33	3158.95	3458.29	0.99518107	0.00482	
RAD51	GI 19924134-A	9318.15	8390.60	8919.86	7133.82	6109.59	6630.44	0.994987874	0.00501	
RBBP6	GI 34304328-A	1904.15	1548.54	1605.46	3946.31	4255.09	3419.21	-0.994974312	0.00503	
CYP11B1	GI 13325059-S	197.73	117.47	349.46	816.49	671.46	747.20	-0.994784171	0.00522	
CDKN2C	GI 17981698-A	9926.51	9727.88	9443.91	6432.23	5060.35	5842.43	-0.994622307	0.00538	
FVT1	GI 4503816-S	11067.82	10193.00	10486.22	14515.03	13884.29	13047.23	-0.994481463	0.00552	
HLF	GI 31542934-S	-30.91	-8.03	-35.87	55.97	88.21	47.97	-0.994264537	0.00574	
COL18A1	GI 18765747-A	3783.95	3882.13	3665.48	10455.85	8830.96	9497.86	-0.994190049	0.00581	
TFDP1	GI 34147667-S	28904.17	27884.13	27484.54	19405.33	15735.66	18554.68	0.994139651	0.00586	
DKC1	GI 15011921-S	17004.52	15539.59	17420.71	20626.85	21247.04	19907.92	-0.993960075	0.00604	
VIL2	GI 21614498-S	12700.29	12221.29	13422.05	10755.45	9509.19	9700.29	0.99395394	0.00605	
PIK3CA	GI 5453891-S	16266.61	14320.32	14161.31	8826.49	5256.93	7838.43	0.993630748	0.00637	
LIG1	GI 4557718-S	1645.91	1489.63	1603.10	2517.95	2203.30	2272.69	-0.993543287	0.00646	
IGFBP5	GI 10834981-S	1361.50	1195.62	1369.91	3005.54	3116.12	2560.54	-0.993498527	0.0065	
ARAF1	GI 4502192-S	7877.99	7402.81	7470.77	9036.96	8485.41	8651.91	-0.993182678	0.00682	
PLAT	GI 14702166-A	4859.78	4421.44	4897.08	3201.10	2343.91	3021.56	0.993144653	0.00686	
VHL	GI 38045905-A	3343.56	2896.78	3387.90	4632.03	4519.90	4410.73	-0.993115453	0.00688	
CTSD	GI 23110949-S	15103.45	14102.53	14796.36	33169.85	28336.94	33002.24	-0.992860077	0.00714	
MLL3	GI 4758719-S	1530.94	1362.90	1317.10	5161.06	4079.34	4719.57	-0.992765585	0.00723	
FANCG	GI 4759335-S	3025.44	2782.45	2899.64	3272.91	3474.86	3375.83	-0.992748648	0.00725	
CND1	GI 16950654-S	28244.72	27627.29	28283.11	22166.96	19679.43	21445.12	0.99271756	0.00728	
KRAS2	GI 34485723-A	6442.10	5672.38	5946.26	8584.41	7529.34	8029.54	-0.992594048	0.00741	
BARD1	GI 4557348-S	12857.86	11323.54	11516.13	7456.18	7058.34	7134.85	0.992542948	0.00746	
CND3	GI 16950657-S	2671.78	2401.83	2616.51	1913.66	1520.56	1844.43	0.99228643	0.00771	
WNT5A	GI 17402917-S	1736.69	1491.98	1337.39	2352.45	2623.31	2181.81	-0.992227125	0.00777	
NOTCH1	GI 27894367-S	827.88	865.26	880.80	2322.90	1953.19	2000.55	-0.992143927	0.00786	
GRB2	GI 34452726-S	21542.80	21828.65	22585.76	15240.18	12017.20	14147.65	0.992083391	0.00792	
CD34	GI 4502660-S	1792.65	1689.22	1925.54	1304.55	979.32	1219.11	0.99196845	0.00803	
CTGF	GI 4503122-S	22422.83	22021.64	21897.86	14302.78	11105.81	12812.30	0.991888225	0.00811	
SEMA3F	GI 31377801-S	111.86	125.16	101.58	3094.46	2278.73	2776.56	-0.991830769	0.00817	
KIT	GI 4557694-S	-209.72	-200.55	-215.38	-123.48	-128.74	-91.69	-0.991824998	0.00818	
GLI3	GI 13518031-S	2891.69	2891.04	2926.97	2305.39	2070.50	2104.75	0.991733546	0.00827	
TGFB1	GI 10863872-S	119.67	96.00	128.96	211.58	198.36	170.28	-0.991718647	0.00828	
GAS1	GI 4503918-S	73.94	77.13	99.08	39.16	26.58	7.91	0.991487279	0.00851	
CAV1	GI 15451855-S	45581.06	45190.59	45940.77	29169.81	23559.83	28702.31	0.991368733	0.00863	
MRE11A	GI 24234689-A	2201.81	1799.62	1994.17	3690.25	3976.21	3186.00	-0.991363539	0.00864	
RAP1A	GI 4506412-S	11729.41	11054.98	10941.16	9381.03	8202.95	9188.80	0.991091869	0.00891	
NFKB1	GI 34577121-S	1780.43	1628.26	1702.71	2319.65	2252.23	2058.93	-0.990387556	0.00961	
RARA	GI 4506418-S	3133.41	2922.70	3129.38	2396.76	1925.18	2111.26	0.990264784	0.00974	
ERCC1	GI 4503598-S	2393.67	2418.85	2451.05	4058.35	3610.82	3668.18	-0.990226587	0.00977	
TIAM1	GI 4507500-S	839.91	720.92	819.08	1310.00	1089.97	1248.39	-0.99021523	0.00978	
TGFB1	GI 4759225-S	2142.82	2131.52	2035.67	5040.41	4176.93	4938.73	-0.99018953	0.00981	
NOTCH2	GI 24041034-S	1057.20	833.69	1059.27	1991.17	2393.37	1861.73	-0.990113528	0.00989	
PDGFB	GI 15451785-A	907.58	895.47	910.15	393.05	514.05	346.69	0.990108289	0.00989	
MSH3	GI 4505248-S	6614.74	6393.70	6056.98	5620.84	5133.27	5101.03	0.989791002	0.01021	
MSF	GI 19923366-S	9858.71	9568.04	9775.25	8179.43	7270.50	7650.40	0.989623929	0.01038	
BIRC5	GI 4502144-S	30962.42	31821.40	31791.32	25773.72	22559.80	24242.52	0.989562998	0.01044	
PLAUR	GI 4505864-S	11441.87	10659.66	11242.76	14831.66	13278.98	13930.84	-0.989469284	0.01053	
RALB	GI 4506404-S	3823.80	3314.50	3355.61	2242.44	2381.17	2211.70	0.988552037	0.01145	
ABL1	GI 6382057-A	906.91	886.62	881.19	1848.40	1556.90	1829.21	-0.988475262	0.01152	
CDC25A	GI 4502704-S	1612.34	1352.89	1457.61	1855.94	2029.05	1853.06	-0.988435091	0.01156	
ETV1	GI 31742533-S	2305.40	1711.64	2377.20	3670.48	3458.66	3336.12	-0.988135763	0.01186	
FOSL2	GI 34734077-S	327.20	401.64	405.53	682.63	582.17	552.65	-0.9878439	0.01216	

Supplementary Fig. (1). cuntd....

IGF2R	GI_4504610-S	1861.85	1649.68	1866.81	3470.71	2817.58	3376.57	-0.987685262	0.01231	
JUNB	GI_4504808-S	969.26	1010.70	1033.65	899.09	838.92	805.02	0.987562373	0.01244	
MALT1	GI_27886565-A	7804.60	7217.38	7321.33	6280.49	5287.74	5825.26	0.987425338	0.01257	
MAD	GI_4505068-S	1298.36	1100.58	1315.06	1748.33	1656.93	1685.71	-0.987317832	0.01268	
EGFR	GI_29725608-S	3186.35	3092.87	3144.01	2967.47	2865.14	2815.41	0.987230749	0.01277	
PLA2G2A	GI_20149501-S	-147.49	-132.32	-129.90	-104.81	-76.69	-83.03	-0.987137846	0.01286	
AHR	GI_5016091-S	14643.53	12929.87	13762.39	19363.60	16880.94	19351.30	-0.987070585	0.01293	
IGFBP1	GI_4504614-S	1288.04	983.14	1402.31	541.97	343.04	481.09	0.986811164	0.01319	
REL	GI_4506472-S	571.15	552.28	614.32	876.65	911.68	768.75	-0.98674741	0.01325	
MMP14	GI_13027797-S	3909.75	3590.85	3909.45	4620.18	4518.52	4566.08	-0.986316958	0.01368	
DLEU1	GI_5031858-S	13898.31	13653.48	14061.75	10738.05	8868.54	9766.03	0.986223068	0.01378	
LAMB1	GI_4504950-S	1454.15	1215.22	1445.30	3106.54	3925.06	3069.30	-0.986194874	0.01381	
NEO1	GI_4505374-S	490.19	347.95	501.77	62.86	39.50	55.89	0.985962283	0.01404	
RASA1	GI_12545405-A	13474.93	12898.26	13112.60	11686.08	10474.08	10814.19	0.985907577	0.01409	
ATM	GI_20336200-A	3386.41	2997.21	2833.81	7147.51	5461.80	6428.56	-0.985828977	0.01417	
KDR	GI_11321596-S	786.58	536.67	776.88	2561.30	3377.24	2418.88	-0.985294295	0.01471	
COMT	GI_6466449-A	19079.42	18220.87	18893.06	32322.99	27196.62	30411.26	-0.984957708	0.01504	
LTA	GI_6806892-S	-104.75	-96.30	-86.08	-58.32	-59.31	-75.57	-0.984187426	0.01581	
PTK7	GI_27886606-A	1255.12	1253.49	1262.58	3811.30	2884.45	3605.05	-0.983749971	0.01625	
MLF2	GI_4885486-S	9701.91	9621.02	10497.09	12049.22	11409.82	11089.12	-0.983429157	0.01657	
NTRK3	GI_4505474-S	16.74	13.73	47.37	73.17	96.34	73.58	-0.982754659	0.01725	
IL3	GI_28416914-S	437.03	373.40	420.71	300.37	195.32	260.32	0.982658451	0.01734	
MYCL1	GI_34147322-S	-55.08	-43.05	-36.00	69.69	24.29	77.91	-0.982425008	0.01757	
MCL1	GI_33519457-A	14693.63	13098.89	13700.65	18496.82	16101.77	18219.32	-0.980614004	0.01939	
ATF1	GI_38261963-S	4310.46	3767.55	3961.37	3431.24	3082.87	3175.38	0.980363702	0.01964	
CD9	GI_21237762-S	19808.56	18885.04	19092.28	21388.99	20285.08	21297.88	-0.979561472	0.02044	
WRN	GI_19924171-S	5177.65	4199.26	4071.40	6745.43	6653.38	6476.39	-0.978765499	0.02123	
RAD52	GI_20143951-A	581.39	541.24	567.07	1070.98	1240.58	959.73	-0.978659176	0.02134	
APC	GI_2162462-S	3015.53	2548.05	2661.01	3813.80	3268.55	3478.08	-0.978043374	0.02196	
MPL	GI_4885490-S	380.61	365.42	423.22	329.36	262.78	294.26	0.977716641	0.02228	
S100A4	GI_9845515-A	4297.14	3837.18	4505.76	6135.91	5086.09	5782.68	-0.977488177	0.02251	
ELL	GI_5729811-S	765.64	830.98	805.18	679.29	575.58	673.14	0.976146585	0.02385	
IGFBP3	GI_19923110-S	243.48	199.92	243.27	394.59	309.85	400.35	-0.975198178	0.0248	
CBL	GI_4885116-S	1823.81	1732.47	1922.44	1492.84	1148.87	1398.73	0.974996508	0.025	
CCNA2	GI_16950653-S	18442.50	18222.93	17930.83	23850.00	21214.00	22837.96	-0.974817271	0.02518	
PRKR	GI_4506102-S	11692.43	10455.60	11150.20	10032.52	9228.88	9216.00	0.973915399	0.02608	
BRCA1	GI_6552306-A	5565.81	5470.25	5269.95	4558.08	3669.78	4147.81	0.973624435	0.02638	
RAD50	GI_19924130-A	6578.10	6104.03	6419.79	4911.68	3550.68	4507.75	0.973395874	0.0266	
WNT10B	GI_16936521-S	369.82	365.87	344.80	2621.44	1697.88	2771.30	-0.973115772	0.02688	
RBBP5	GI_4826969-S	5641.23	4481.89	5600.36	3418.63	4123.85	2806.95	0.970950299	0.02905	
PTGS1	GI_18104968-A	443.47	399.93	473.58	372.05	349.93	318.17	0.970892377	0.02911	
BRAF	GI_33188458-S	2352.08	2092.47	2131.89	1836.21	1754.13	1777.19	0.970622124	0.02938	
RECQL	GI_14591901-A	11318.59	10537.14	10630.10	15903.72	13248.44	14658.45	-0.970558601	0.02944	
MDM4	GI_4505138-S	4197.46	3660.31	4235.94	3502.77	2890.45	3144.33	0.970390886	0.02961	
CD44	GI_21361192-S	15547.12	12488.88	14588.85	19119.89	17802.59	17557.08	-0.970322375	0.02968	
CREBBP	GI_4758055-S	4689.12	4722.98	4866.39	5909.42	6026.81	5372.76	-0.969579184	0.03042	
CDH13	GI_16507956-S	-213.66	-177.35	-201.15	-159.85	-157.20	-139.14	-0.969476591	0.03052	
DTR	GI_4503412-S	3461.69	3092.82	3565.32	2593.77	2913.78	2277.83	0.968581542	0.03142	
PRKAR1A	GI_33636720-S	23269.54	21950.80	22424.46	20110.13	17252.08	19181.27	0.96821581	0.03178	
PXN	GI_4506344-S	19757.83	19590.42	21336.11	15655.00	10886.93	14524.35	0.967881753	0.03212	
CDKN2A	GI_17738295-A	16906.30	17310.11	17735.77	25841.88	21593.55	23415.53	-0.967861211	0.03214	
VAV2	GI_4507870-S	379.18	339.68	402.14	666.49	517.68	547.86	-0.967501455	0.0325	
NF1	GI_4557792-S	7687.81	6382.07	7209.30	9022.97	8809.56	8427.09	-0.967385365	0.03261	
BCL6	GI_21040323-A	1337.56	1160.84	1300.13	1546.40	1542.78	1512.65	-0.966185786	0.03381	
ITGB1	GI_19743818-A	45742.50	45145.68	44872.94	47745.37	46986.41	46267.50	-0.965897352	0.0341	
FGF3	GI_15451899-S	-58.90	-73.37	-57.81	-50.53	-40.92	-37.76	-0.964274359	0.03573	
RAD54L	GI_19924136-S	1507.58	1242.46	1547.29	1112.85	983.19	993.54	0.963682638	0.03632	
E2F5	GI_12669916-S	14284.24	13032.39	11932.57	10837.50	8342.78	10436.60	0.963629502	0.03637	
MEN1	GI_18860850-A	4132.88	4440.91	4020.05	6947.23	5419.03	6220.42	-0.962871721	0.03713	
DCC	GI_4885174-S	-46.62	-40.36	-46.88	6.85	-13.13	24.65	-0.961036584	0.03896	
TYRO3	GI_27597077-S	1847.95	1935.98	1879.73	3851.41	2826.30	3289.47	-0.960759975	0.03924	
GLI2	GI_13518226-A	483.23	507.46	531.76	1498.57	969.97	1398.57	-0.960450613	0.03955	
CEBPA	GI_28872793-S	1134.03	1047.40	1168.22	1644.49	1327.83	1563.42	-0.96027902	0.03972	
MST1R	GI_4505264-S	-7.11	-1.94	-0.72	-73.70	-35.72	-69.99	0.960236488	0.03976	
WEE1	GI_19718775-S	6158.01	5547.82	4742.36	8703.56	6761.02	8904.51	-0.960163395	0.03984	
ERCC2	GI_15834616-S	2327.26	2449.28	2533.20	2195.79	2143.99	2174.25	0.959669126	0.04033	
CDK10	GI_32528264-A	3006.75	3030.49	2959.72	10789.30	6593.97	9814.51	-0.959043523	0.04096	
HDAC1	GI_13128859-S	20126.08	19932.50	21147.38	16242.54	11773.66	15429.41	0.958247238	0.04175	
NBS1	GI_33356171-S	28179.56	27949.20	26562.47	22406.90	16235.35	20524.03	0.958083228	0.04192	
RLF	GI_6912631-S	8607.99	7112.55	6859.63	10395.01	8752.03	9946.39	-0.957854222	0.04215	
TGFB3	GI_4507470-S	659.44	614.94	671.96	382.82	159.92	395.72	0.957620112	0.04238	
CTSL	GI_22202618-A	7168.84	6888.84	7402.37	8867.35	7785.76	8526.33	-0.957284633	0.04272	
FGF8	GI_15147349-A	-188.90	-173.62	-175.54	-157.25	-168.23	-150.34	-0.956759463	0.04324	
GFGR4	GI_13112049-A	4974.60	4990.47	5205.26	4444.19	3528.68	3871.22	0.955124128	0.04488	
CDH11	GI_16306531-A	6374.25	5847.23	6520.71	4587.60	2735.38	4397.68	0.954476706	0.04552	
ABCC2	GI_4557480-S	363.60	320.37	422.09	469.43	570.67	462.84	-0.954220648	0.04578	
CDC2	GI_27886643-A	39994.52	39628.14	39740.30	34462.82	28459.63	32677.66	0.953512724	0.04649	
MLL	GI_5174568-S	2396.51	2168.96	2304.39	5359.32	3581.24	5115.24	-0.951819081	0.04818	
CDKN2B	GI_17981693-A	2444.09	2394.43	2655.39	2234.94	2269.19	1989.56	0.950796296	0.0492	
PGR	GI_31981491-S	-6.42	9.63	25.42	56.29	99.41	46.70	-0.950736026	0.04926	

Supplementary Fig. (1). cumtd....

VBP1	GI	21614497-S	21666.78	19373.72	22051.32	19331.46	16789.30	17576.15	0.94987234	0.05013
ETV6	GI	14589947-S	602.25	654.00	628.98	1256.18	887.88	1228.30	-0.949453877	0.05055
CSK	GI	4758077-S	2045.46	2008.43	1915.59	2160.73	2191.01	2065.73	-0.949392963	0.05061
MATK	GI	21450843-A	1005.29	915.79	1095.81	854.35	620.74	794.88	0.949132037	0.05087
FES	GI	13376997-S	5327.34	5132.10	5660.11	4956.35	4804.92	4339.05	0.948711256	0.05129
LAF4	GI	4504938-S	-39.27	-54.62	-22.50	-72.50	-76.06	-79.41	0.948696952	0.0513
PLAG1	GI	4505854-S	1727.18	1426.44	1586.99	1353.62	1122.17	1322.94	0.948057822	0.05194
RAD23A	GI	19924137-S	26364.11	26930.31	26225.37	24527.31	22061.74	24130.29	0.947398661	0.0526
NFKB2	GI	19923222-S	411.74	350.15	370.64	333.48	240.45	241.26	0.945492282	0.05451
STK11	GI	21361613-S	1924.57	1857.69	1871.03	1636.92	1259.31	1479.04	0.944253971	0.05575
ERCC5	GI	4503600-S	644.07	565.41	738.02	856.47	830.47	778.54	-0.943684576	0.05632
LIG4	GI	23199992-S	2532.91	2070.20	1766.29	1181.09	1431.55	1358.17	0.942349833	0.05765
HCK	GI	30795228-S	-133.62	-129.09	-119.56	-108.82	-73.23	-92.71	-0.942157771	0.05784
BIRC2	GI	10880127-S	10101.54	8150.53	8565.39	7128.68	6346.63	7363.34	0.941531561	0.05847
XPA	GI	31543966-S	4719.57	4401.12	4060.00	5781.84	4815.35	5380.12	-0.940889517	0.05911
WNT2B	GI	13518020-A	103.75	87.71	125.47	158.42	144.21	126.67	-0.939544778	0.06046
HDFG	GI	4758515-S	20259.68	19672.92	19889.81	18683.33	17377.62	18875.79	0.939411798	0.06059
FGFR1	GI	13186246-A	2120.62	2146.06	2167.38	2660.30	2578.98	2323.55	-0.936775581	0.06322
TPR	GI	4507658-S	5463.96	5078.49	5049.68	11720.00	7528.91	11572.10	-0.93530815	0.06469
DDX6	GI	21536329-S	14822.13	13838.48	14467.38	17500.61	15405.81	16139.84	-0.933730504	0.06627
PDGFRB	GI	15451788-S	35.05	41.72	63.51	197.28	92.51	167.68	-0.932052592	0.06795
FGF12	GI	21614509-A	514.80	412.68	553.22	416.26	297.84	358.45	0.93174004	0.06826
WNT1	GI	16936523-S	106.01	122.34	149.16	93.01	86.56	76.01	0.931400416	0.0686
PPP2R1B	GI	32455243-A	2001.23	1850.04	1998.63	1787.89	1753.24	1837.58	0.930953119	0.06905
MAS1	GI	6006022-S	189.92	194.95	224.39	106.17	170.25	81.71	0.929219671	0.07078
GRPR	GI	4885360-S	23974.98	18739.58	24389.06	16967.52	15654.28	16033.79	0.928562421	0.07144
SMARCB1	GI	27545325-S	4758.30	4810.22	4654.71	6410.57	5265.34	6092.10	-0.928228806	0.07177
CBLB	GI	34222218-S	2681.19	1903.31	2852.60	1701.34	1334.02	1656.63	0.92684823	0.07315
TBFR	GI	4507456-S	10613.38	5479.91	10947.59	15205.57	15363.77	14008.96	-0.926670442	0.07333
MCC	GI	4505128-S	399.69	245.81	366.40	182.44	166.87	184.85	0.925617055	0.07438
TRAF3	GI	22027615-A	1243.48	1214.68	1237.68	1955.65	1469.28	1721.15	-0.925545427	0.07445
TIMP3	GI	21536431-S	-73.34	-63.11	-48.16	-5.30	-48.00	-14.49	-0.924582632	0.07542
TSG101	GI	18765712-S	18802.48	17237.52	18205.21	17265.58	14727.74	14877.00	0.923885039	0.07611
MYCL2	GI	4885498-S	297.42	262.43	312.87	252.64	240.73	240.98	0.917902838	0.0821
MXI1	GI	18641367-A	2860.49	2355.96	2875.08	4474.76	3096.88	4259.00	-0.914921174	0.08508
CXCL9	GI	4505186-S	366.39	267.38	415.73	220.75	195.16	245.37	0.914868404	0.08513
JUN	GI	7710122-S	17613.66	18489.92	18207.60	21672.16	19019.35	20415.16	-0.914529307	0.08547
RRAS	GI	20127497-S	897.70	984.91	933.45	658.34	305.76	702.01	0.912931386	0.08707
TNFRSF1A	GI	23312372-S	5377.61	5414.31	5535.36	10632.39	6832.73	10467.26	-0.911008616	0.08899
TFE3	GI	21359903-S	3333.98	3338.49	3504.24	3096.99	2196.59	2539.51	0.909260756	0.09074
VEGFB	GI	20070172-S	8088.93	8037.41	8067.04	10815.06	8783.36	10089.84	-0.908936274	0.09106
TFG	GI	34147663-S	17613.21	11946.35	18277.77	10330.89	10035.14	9334.82	0.90806364	0.09194
ETS2	GI	20127471-S	2945.59	2704.86	2847.57	2742.84	2466.02	2581.03	0.907841613	0.09216
TSC2	GI	10938009-A	1494.05	1306.88	1477.36	2006.34	1559.96	1761.18	-0.90361557	0.09638
IFNGR2	GI	5031782-S	5625.53	4576.94	5675.61	6412.50	7575.09	5923.80	-0.902764443	0.09724
CTNBN1	GI	4503130-S	20518.80	18832.44	19637.86	23601.65	20365.72	23132.30	-0.90166066	0.09834
CSPG2	GI	21361115-S	516.20	441.09	515.08	430.70	334.00	436.70	0.899188075	0.10081
TGFA	GI	4507460-S	664.03	529.22	668.05	971.49	680.68	949.02	-0.898791047	0.10121
CTNNA1	GI	4503126-S	98.88	48.84	128.35	53.99	-30.89	34.45	0.896272349	0.10373
GF1	GI	4885266-S	243.30	231.42	263.55	230.57	190.72	220.49	0.894266742	0.10573
CSF1R	GI	27262658-S	3089.11	2774.94	3059.34	2878.75	2556.60	2611.21	0.8927809	0.10722
TRAF4	GI	22027623-A	1612.11	1578.43	1593.00	2511.37	1779.08	2381.66	-0.892251676	0.10775
LIF	GI	6006018-S	2348.89	2236.64	2434.28	2277.79	2141.14	2141.87	0.892068287	0.10793
RAF1	GI	4506400-S	4510.23	4346.51	4579.35	4302.06	3507.24	3782.44	0.891302578	0.1087
ITGB4	GI	21361206-S	3542.72	3467.78	3566.75	3421.96	2972.78	3121.50	0.89064324	0.10936
G22P1	GI	20070134-S	-94.85	-93.34	-57.51	-7.99	71.91	-44.10	-0.889762482	0.11024
SMARCA4	GI	21071055-S	15925.51	15760.36	15535.03	22431.84	16996.79	21175.60	-0.887613081	0.11239
NUMA1	GI	5453819-S	1046.30	968.61	1045.06	1708.20	1152.25	1492.39	-0.886615073	0.11338
CDKN1B	GI	17978497-S	4940.98	4921.72	4651.69	7039.93	5366.36	5374.54	-0.88590138	0.1141
NAT2	GI	4557782-S	153.68	146.12	208.72	320.83	195.93	256.18	-0.881504305	0.1185
TNFAIP1	GI	26051238-S	1178.16	1231.91	1241.90	1099.09	799.74	1045.70	0.880977815	0.11902
NFKBIA	GI	10092618-S	21195.77	20376.76	21062.94	18968.84	13476.40	17478.26	0.880439287	0.11956
ERCC4	GI	4885216-S	2709.22	2344.41	2519.68	2815.33	2818.25	2731.78	-0.879274907	0.12073
HMMR	GI	7108350-A	25470.52	24307.35	24096.22	23088.47	18717.44	22189.92	0.878604059	0.1214
ENC1	GI	4505460-S	1581.33	1422.97	1410.60	1348.34	1323.93	1324.03	0.876529407	0.12347
TP53	GI	8400737-S	638.67	600.13	668.17	887.49	680.91	775.92	-0.876416311	0.12358
TIMP1	GI	4507508-S	25912.91	24145.13	25953.82	33635.21	26621.23	30789.20	-0.876378655	0.12362
PTCH2	GI	22538485-S	69.47	39.38	105.18	47.77	9.89	19.42	0.876054668	0.12395
XRCC4	GI	12408643-A	4189.14	4311.75	3695.48	3883.04	3477.99	3432.38	0.875677884	0.12432
XRCC2	GI	4885656-S	4716.50	3586.17	4940.83	3302.52	3633.74	3244.34	0.873943151	0.12606
NRAS	GI	6006027-S	5721.20	4558.36	5277.87	5931.66	6271.02	5760.58	-0.872933402	0.12707
TEK	GI	4557868-S	190.97	140.28	234.03	252.03	271.04	235.85	-0.872541672	0.12746
MAPK10	GI	20986507-A	175.98	167.46	201.24	228.04	192.34	257.90	-0.871787194	0.12821
NTRK1	GI	4585711-S	625.94	605.36	713.83	573.88	318.93	512.31	0.870301104	0.1297
HOXA9	GI	24497558-A	16491.90	16349.97	15907.56	15647.46	12808.35	14330.36	0.86929833	0.1307
BCR	GI	11038640-A	953.02	879.23	940.28	1067.02	1178.12	963.61	-0.868754343	0.13125
SOD1	GI	31543649-S	39881.28	40286.88	40195.24	36471.53	27562.73	35428.30	0.868752385	0.13125
PRCC	GI	20070217-S	3442.63	2826.57	3298.55	2674.61	3010.03	2530.92	0.86866018	0.13133
ZNFN1A1	GI	31657112-S	2232.26	1965.73	2332.56	1986.43	1331.15	1835.96	0.867748596	0.13225
CD59	GI	20127410-S	41975.82	40290.22	42442.06	40991.53	39648.55	39400.28	0.864305431	0.13569

NTRK2	GI 21361305-S	361.45	356.37	397.70	330.06	164.75	277.81	0.863966534	0.13603	
LIG3	GI 7710127-A	897.10	737.72	835.07	1102.38	1590.17	1016.67	-0.860617194	0.13338	
DEK	GI 31542502-S	40133.93	38308.79	38165.39	41089.97	39970.61	39770.03	-0.852413484	0.14759	
FER	GI 4885230-S	5842.30	5222.98	5268.64	6238.97	6608.58	5545.48	-0.850445661	0.14955	
BTk	GI 4557376-S	586.04	547.20	623.39	561.80	539.31	507.61	0.850268546	0.14973	
PGF	GI 34147600-S	1684.22	1383.07	1606.97	1478.14	1234.88	1345.16	0.848482641	0.15152	
ARHh	GI 4757769-S	-193.38	-172.42	-174.81	-164.24	-169.21	-132.20	-0.847068001	0.15293	
NGFR	GI 4505392-S	-228.74	-196.43	-216.02	-174.59	-210.20	-162.16	-0.84685643	0.15314	
ELK1	GI 11496880-S	8170.11	7674.83	8175.21	7949.37	7340.48	7366.16	0.843741523	0.15626	
MMP9	GI 4826835-S	372.19	353.53	402.35	343.05	190.57	302.00	0.843227136	0.15677	
CEACAM1	GI 19923194-S	221.26	165.73	179.36	203.68	246.29	226.89	-0.843164413	0.15684	
FOLR1	GI 12719454-A	-29.93	-23.94	2.32	12.17	27.91	-12.51	-0.836466971	0.16353	
CCNC	GI 7382485-S	14757.02	14187.98	13432.33	19346.98	14373.78	18022.50	-0.836038828	0.16396	
ADPRT	GI 11496989-S	24336.71	22076.22	25212.47	22611.60	17454.47	21679.93	0.835134279	0.16487	
EPHB4	GI 32528300-S	1600.29	1436.00	1640.93	1938.32	1686.33	1638.92	-0.833943448	0.16606	
FGF7	GI 15147344-S	249.33	242.71	322.45	221.33	249.44	163.85	0.829964289	0.17004	
MAF	GI 5453735-S	-70.04	-79.58	-61.16	-58.81	-31.33	-62.49	-0.82106864	0.17893	
L1CAM	GI 13435352-A	-141.01	-130.12	-120.22	-145.32	-158.27	-133.51	0.820115761	0.17988	
CCND2	GI 16950656-S	3091.39	2994.14	3009.93	4012.21	3061.45	3682.61	-0.815920446	0.18408	
RBBP1	GI 13259500-A	5457.50	4978.81	4859.37	6211.28	5074.17	6098.97	-0.814382066	0.18562	
CDK9	GI 17017983-S	4152.15	4226.47	4071.50	5707.76	4176.47	5217.36	-0.81170733	0.18829	
IL1RN	GI 27894318-A	-28.20	-54.72	-32.01	-43.36	-85.85	-58.50	0.809934215	0.19007	
MUC1	GI 28916690-A	355.13	283.03	314.42	297.50	176.63	269.31	0.80923272	0.19077	
PURA	GI 16753217-S	5945.11	5635.30	5361.68	6840.55	5983.77	5821.06	-0.808931616	0.19107	
CHEK1	GI 20127419-S	5514.24	4068.76	5172.26	5349.69	6660.63	5555.60	-0.808265482	0.19173	
CDK7	GI 16950659-S	8618.58	6743.59	7886.64	6757.76	6760.49	6597.85	0.805321776	0.19468	
EPHA1	GI 32967308-S	781.84	672.56	809.41	704.08	396.32	639.88	0.804680122	0.19532	
LCK	GI 20428651-S	21.82	38.88	55.20	85.46	47.03	54.52	-0.803255064	0.19674	
XPC	GI 20127459-S	2045.88	1942.65	2032.48	2623.49	2007.41	2392.67	-0.799062268	0.20094	
CSF3R	GI 27437044-A	919.93	831.85	998.55	898.05	681.30	805.06	0.797287504	0.20271	
NOTCH4	GI 27894369-S	333.49	295.94	370.00	338.60	193.60	232.98	0.793696173	0.2063	
PIM1	GI 31543400-S	368.91	345.47	380.21	364.33	273.65	315.79	0.792316827	0.20768	
ARH1	GI 4757771-S	3888.51	3423.44	4162.75	3551.54	3495.25	3272.23	0.791181453	0.20882	
CDC25B	GI 11641410-A	2089.17	1994.02	2010.15	2299.84	2021.03	2214.16	-0.790959533	0.20904	
FGFR2	GI 13186266-A	-191.26	-180.72	-181.43	-161.89	-186.28	-157.13	-0.789402138	0.2106	
ESR1	GI 4503602-S	-92.42	-105.28	-92.34	-71.04	-98.37	-75.16	-0.788654451	0.21135	
FLT4	GI 4503752-A	395.50	360.19	423.79	397.78	307.06	320.02	0.786806425	0.21319	
BCL3	GI 20336471-S	850.63	836.86	772.50	1364.31	795.40	1182.35	-0.78009572	0.2199	
CCNH	GI 17738313-S	24224.92	21642.32	24358.68	26733.56	23876.75	24874.76	-0.776496339	0.2235	
ERBB2	GI 4758297-S	601.46	553.01	568.05	527.14	287.10	510.92	0.773337998	0.22666	
GADD45A	GI 9790904-S	12503.97	12430.00	11909.53	15748.17	11948.87	15193.69	-0.77102922	0.22897	
EGR1	GI 31317226-S	597.61	548.08	631.51	578.09	346.01	509.81	0.76696673	0.23303	
FGF6	GI 10337586-S	274.26	225.17	307.79	260.78	62.10	193.98	0.766028379	0.23397	
CDK4	GI 16936532-A	19554.63	18581.94	18949.07	18854.19	13649.69	16985.86	0.76442169	0.23558	
AKT2	GI 6715585-S	3652.04	3621.77	3596.43	4121.77	3607.92	3881.93	-0.763102079	0.2369	
EPO	GI 4503588-S	49.88	42.58	81.02	48.35	-16.59	39.55	0.762393638	0.23761	
TNFSF8	GI 24119162-S	-68.57	-64.72	-49.50	-33.60	-62.25	1.26	-0.753909222	0.24609	
MADH4	GI 34147555-S	3618.56	2952.15	3265.73	3184.41	2652.93	2989.32	0.751938934	0.24806	
TGFB2	GI 4507462-S	1224.82	1173.73	1232.03	1167.08	732.73	1089.81	0.750024656	0.24998	
IL12B	GI 24497437-S	1304.37	1119.89	1286.82	1227.68	947.17	1123.58	0.749185115	0.25081	
ARHA	GI 10835048-S	43378.31	42078.22	42243.11	42156.68	37236.95	41179.47	0.74877036	0.25123	
IRF1	GI 4504720-S	1627.79	1561.68	1574.28	1829.86	1637.83	1614.47	-0.743646884	0.25635	
SYK	GI 34147655-S	7.25	-1.59	31.61	51.73	6.63	53.32	-0.743563022	0.25644	
LMO1	GI 4505004-S	28.74	26.57	60.47	40.68	-2.29	10.84	0.741914405	0.25809	
PTPRG	GI 18860897-S	2479.75	2272.25	2486.55	2416.58	2195.54	2241.86	0.741621744	0.25838	
OGG1	GI 8670537-A	1358.17	1255.69	1149.12	1263.69	899.39	1103.60	0.738387453	0.26161	
IGF1	GI 19923111-S	666.33	623.38	697.87	792.82	701.32	666.84	-0.73037349	0.26963	
FGF9	GI 4503706-S	331.49	291.83	376.04	340.72	207.66	272.29	0.727902868	0.2721	
ERBB3	GI 4503596-S	5.86	35.32	29.19	2.92	20.97	6.17	0.715513621	0.28449	
STAT1	GI 21536300-A	11214.48	10178.96	11405.13	10805.39	10312.79	9978.34	0.712148433	0.28785	
IGF1R	GI 11068002-S	186.13	125.77	193.86	217.70	190.88	187.21	-0.700560064	0.29944	
DLG3	GI 10863920-S	2812.31	2469.62	2717.78	2829.35	3295.74	2669.25	-0.698584876	0.30142	
MDS1	GI 4826827-S	361.29	221.03	328.71	355.63	380.24	349.20	-0.696990988	0.30301	
FOSB	GI 5803016-S	-127.41	-110.80	-129.02	-38.46	-133.27	-83.05	-0.696843869	0.30316	
SPI1	GI 4507174-S	-112.26	-111.60	-99.81	-117.57	-132.54	-105.78	0.693935893	0.30606	
TNF	GI 25952110-S	27.53	33.17	71.31	38.78	0.77	29.70	0.6906268	0.30937	
ROS1	GI 19924164-S	321.27	329.43	406.12	340.43	267.94	327.22	0.684976531	0.31502	
FGR	GI 4885234-S	348.57	287.74	418.09	313.93	291.36	304.33	0.67222302	0.32778	
PCNA	GI 33239450-A	22813.67	22669.35	22959.36	22957.12	20260.14	22154.54	-0.6714207	0.32858	
NOS3	GI 10835160-S	4060.61	3899.22	4020.25	4043.38	3246.79	3790.47	0.670610005	0.32939	
LYN	GI 4505054-S	3302.13	3171.43	3285.91	3294.68	2659.79	3099.69	0.663526427	0.33647	
RIPK1	GI 24475887-S	3912.71	3791.70	3850.47	3933.55	3008.31	3596.89	0.66347534	0.33652	
EGF	GI 6031163-S	5012.53	4431.97	5064.96	4916.66	3453.35	4503.26	0.656732903	0.34327	
FGF5	GI 15055548-A	5340.82	4021.94	5064.37	4504.77	4115.08	4339.27	0.652688377	0.34731	
TGFB1	GI 4507466-S	393.21	314.22	401.50	368.06	230.02	345.46	0.650320408	0.34968	
PMS1	GI 11496979-S	2923.77	2644.97	2627.26	3043.49	2733.77	2836.06	-0.647267056	0.35273	
BAG1	GI 7549801-S	8900.95	7916.35	8774.58	8637.53	7322.40	8088.46	0.64380471	0.3562	
TDGF1	GI 4507424-S	80.52	101.85	113.83	92.82	17.57	94.79	0.641860633	0.35814	
IL12A	GI 24430218-S	4752.05	4664.46	4581.18	4762.85	4439.62	4358.15	0.636145615	0.36385	
STAT3	GI 21618337-A	-144.47	-139.23	-128.57	-131.12	-131.92	-133.01	-0.632820853	0.36718	

Supplementary Fig. (1). cumtd....

DLC1	GI 33188434-A	-133.16	-141.69	-128.25	-116.75	-140.79	-118.00	-0.628364055	0.37164
LMO2	GI 6633806-S	103.47	90.25	102.38	113.28	92.93	115.25	-0.622173348	0.37783
GML	GI 4504032-S	22.95	24.08	33.03	0.13	-48.74	41.40	0.619706463	0.38029
TYMS	GI 4507750-S	28890.71	25672.45	29585.83	27749.40	20945.54	27667.49	0.61653402	0.38347
XRCC1	GI 5454171-S	2164.08	2058.02	2088.72	2448.01	2158.55	2076.10	-0.612229069	0.38777
TGFB3	GI 4507464-S	4121.57	3550.12	4002.79	4674.21	3729.44	4218.06	-0.60653997	0.39346
RAP1GDS	GI 34147567-S	8013.02	7126.48	6466.45	9016.33	6656.17	8361.11	-0.604134951	0.39587
CASP3	GI 14790114-A	4897.42	4747.37	4919.39	5140.08	5526.99	4681.58	-0.602699511	0.3973
ALOX12	GI 4502050-S	221.29	174.03	258.61	222.99	158.17	185.32	0.598418332	0.40158
MBD2	GI 21464121-A	20560.38	19374.13	18634.19	19938.63	16324.29	18794.72	0.597510205	0.40249
PLG	GI 4505880-S	-92.51	-87.70	-57.79	-44.63	-86.39	-61.36	-0.596140042	0.40386
TNFRSF10	GI 21361085-S	2478.70	2299.80	2798.82	3302.60	2187.78	3218.13	-0.589712156	0.41029
EPS15	GI 4503592-S	11952.89	10870.60	11227.74	11683.06	11753.91	11593.30	-0.586537464	0.41346
IL2	GI 28178860-S	2.76	1.03	17.36	40.08	4.44	10.98	-0.582355903	0.41764
TP73	GI 4885644-S	-131.01	-120.60	-121.24	-107.27	-135.58	-88.77	-0.579542796	0.42046
EMS1	GI 20357555-A	5116.76	4746.11	5067.77	5375.24	4789.76	5393.43	-0.574682084	0.42532
DSP	GI 4758199-S	-109.84	-91.50	-91.57	-79.04	505.78	-123.01	-0.570073699	0.42993
ELK3	GI 4885202-S	9246.00	8626.52	8974.69	10253.74	8733.48	9171.34	-0.556462597	0.44354
CRKL	GI 34452719-S	5370.35	4523.05	5815.89	5022.08	4704.16	4905.89	0.554255838	0.44574
MYCN	GI 34147496-S	-208.92	-193.56	-204.08	-202.88	-201.40	-179.57	-0.552190712	0.44781
FRAP1	GI 19924298-S	1538.17	1343.39	1449.20	1654.24	1485.24	1414.42	-0.539420439	0.46058
IL13	GI 26787977-S	280.63	229.32	328.09	288.77	226.47	237.71	0.53832995	0.46167
E2F2	GI 34485718-S	636.07	648.05	694.56	657.71	488.87	671.98	0.535832767	0.46417
DAPK1	GI 4826683-S	-74.12	-70.45	-56.55	-73.98	-53.77	-53.26	-0.514786492	0.48521
MLLT4	GI 5174574-S	2326.43	2040.00	2398.56	2839.40	2003.73	2568.34	-0.513181738	0.48682
THBS2	GI 4507486-S	-1.27	-4.13	40.03	7.29	-38.21	15.20	0.512535546	0.48746
RELA	GI 11496238-S	6735.07	6240.82	6539.94	6776.80	6146.58	5886.85	0.510216037	0.48978
PPARG	GI 20336230-A	19188.59	16872.93	18932.59	19755.40	19448.78	17889.73	-0.502929624	0.49707
NQO1	GI 4505414-S	17445.25	16105.72	16977.48	17184.94	13049.93	16945.60	0.502740417	0.49726
COL4A3	GI 14165449-A	204.60	191.12	212.75	217.95	137.28	194.33	0.497927368	0.50207
PTEN	GI 4506248-S	1333.47	1142.15	1255.05	1363.50	847.00	1153.53	0.490561049	0.50944
ABCG2	GI 4757849-S	68.92	61.58	69.49	106.21	50.57	80.94	-0.482599715	0.5174
ERG	GI 7657065-A	146.37	80.51	169.22	149.66	64.60	105.90	0.476969612	0.52303
YES1	GI 21071041-S	15161.18	13851.20	14677.56	14860.41	12173.77	14676.85	0.459578171	0.54042
VAV1	GI 7108366-S	667.13	601.74	699.75	713.65	737.40	613.31	-0.457332989	0.54267
VNT8B	GI 17505196-S	1462.84	1355.33	1342.69	1524.92	642.05	1394.21	0.455979169	0.54402
TNFSF6	GI 4557328-S	224.57	176.48	297.87	248.49	183.13	184.07	0.453540301	0.54646
MTHFR	GI 6631097-S	239.67	208.44	252.61	232.08	431.13	194.56	-0.448507364	0.55149
HRAS	GI 4885424-A	2780.70	2900.14	2706.73	3190.04	2678.93	2844.92	-0.445165311	0.55483
CASP10	GI 14916487-A	92.96	40.83	105.28	122.41	62.40	105.33	-0.44240529	0.55759
RAP2A	GI 31377551-S	17459.92	15999.60	16218.97	17927.69	11582.02	16228.82	0.436221198	0.56378
MSH2	GI 4557760-S	17648.29	17191.20	16961.50	19236.93	16286.19	18056.86	-0.435896808	0.5641
CSF3	GI 27437048-A	169.82	230.25	186.87	177.69	435.59	158.01	-0.434649953	0.56535
CASP2	GI 14790185-A	6323.92	5463.11	6548.36	6249.54	5749.63	5615.40	0.427963793	0.57204
PCTK1	GI 15011927-A	10900.46	11220.54	11482.47	11582.50	10031.36	11060.66	0.423329075	0.57667
KAI1	GI 13259537-S	15.84	-10.84	-0.07	-32.76	33.38	-43.16	0.415795405	0.5842
ETS1	GI 4885218-S	3538.74	2755.24	3657.49	3496.57	3637.20	3373.81	-0.415485323	0.58451
THPO	GI 4507492-S	-72.45	-70.74	-36.52	-73.46	-72.55	-56.81	0.405228402	0.59477
MAPK14	GI 20986513-A	4113.10	3562.13	3932.74	3822.71	4044.99	4054.66	-0.398401164	0.6016
AIM2	GI 4757733-S	292.04	254.79	289.07	292.54	272.90	237.85	0.382604741	0.6174
IFNG	GI 10835170-S	203.91	173.13	218.61	200.24	178.43	192.50	0.377542548	0.62246
HIF1A	GI 31077210-A	45373.60	44954.65	44349.14	46771.52	43967.41	45372.23	-0.375406603	0.62459
TOP1	GI 19913404-S	19134.84	17070.67	19110.54	19197.15	15049.85	18767.41	0.359260466	0.64074
JAK2	GI 13325062-S	2457.24	2146.66	2303.21	2336.19	2394.91	2315.59	-0.339741827	0.66026
APAF1	GI 32483362-A	1133.55	810.96	1047.10	881.12	1081.90	861.82	0.332260121	0.66774
RB1	GI 4506434-S	10774.72	9983.75	9739.93	11024.93	7875.88	10158.24	0.332002203	0.668
MLF1	GI 33636634-S	11802.02	10424.38	10878.96	11541.99	9991.48	10736.59	0.331066124	0.66893
YY1	GI 21464104-S	30825.07	30040.76	29990.17	34058.43	26468.24	34046.92	-0.326776073	0.67322
SKI	GI 4506966-S	4041.63	3873.15	3843.99	4159.82	3644.10	4233.81	-0.326459358	0.67354
TAL1	GI 4507362-S	-169.60	-167.43	-171.16	-175.04	-185.90	-158.72	0.322726923	0.67727
CRK	GI 8400707-A	3152.82	2473.78	3038.70	3083.85	3135.83	2770.00	-0.319136809	0.68086
EXT1	GI 4557570-S	8639.01	7554.81	8651.17	8210.96	8422.68	7652.27	0.309073441	0.69093
ZNF146	GI 6005965-S	12818.85	10458.15	13095.24	13995.78	10886.75	12963.72	-0.287831407	0.71217
CDH1	GI 14589887-S	-34.22	-12.65	-10.67	15.37	-44.15	-5.55	-0.286294014	0.71371
DMBT1	GI 4758169-A	152.46	152.24	211.58	207.32	113.85	155.96	0.281740216	0.71826
IL4	GI 27477091-A	6124.67	5770.59	6156.78	6344.94	5218.24	6056.13	0.280054777	0.71995
GSTP1	GI 6552334-S	21061.58	20179.95	21007.16	21923.44	21046.61	20003.71	-0.275588285	0.72441
TOP2A	GI 19913405-S	34215.31	33429.83	31911.06	34816.09	28761.34	33656.82	0.274169603	0.72583
MOS	GI 4885488-S	59.89	32.45	75.59	58.15	147.71	10.24	-0.265111447	0.73489
CDK2	GI 16936529-A	3886.87	2084.93	3969.05	2847.16	3911.56	2391.91	0.251483797	0.74852
DCN	GI 19743853-A	371.04	346.50	448.27	538.80	207.61	310.63	0.24750982	0.75249
EV1	GI 29789001-S	4434.34	3685.78	4506.41	4465.05	4252.36	4193.19	-0.24139076	0.75861
RARB	GI 14916495-A	-160.98	-144.80	-143.26	-151.26	-149.83	-141.62	-0.236469847	0.76353
TNFRSF5	GI 23312370-A	610.08	526.95	605.64	623.03	520.65	561.18	0.230394469	0.76961
AKT1	GI 4885060-S	4580.99	4682.28	4675.87	4741.56	4834.86	4469.38	-0.218608901	0.78139
CCNE1	GI 17318560-A	1430.39	1343.95	1392.21	571.90	4065.92	560.82	-0.204124125	0.79588
PML	GI 15451776-A	794.79	735.07	726.15	798.51	636.84	775.26	0.197583511	0.80242
MMP2	GI 11342665-S	94.29	65.46	118.30	134.88	68.01	92.66	-0.173786879	0.82621
CDC25C	GI 12408657-A	3089.85	2021.79	2836.96	2439.80	2983.57	2253.13	0.171161854	0.82884
WNT2	GI 4507926-S	112.45	92.28	131.77	151.44	49.13	117.55	0.137031374	0.86297

FOS	GI 6552332-S	602.11	528.30	623.53	679.15	540.63	500.91	0.132256507	0.86774	
CDK6	GI 16950658-S	4803.69	4520.70	4913.59	4596.72	5279.50	4504.77	-0.127995202	0.872	
CUL2	GI 19482173-S	42260.96	40014.95	39062.82	41982.81	35853.60	42395.73	0.115557224	0.88444	
RET	GI 21536313-A	136.64	127.09	162.35	155.90	142.38	133.15	-0.105521266	0.89448	
RAN	GI 6042206-S	20760.47	18600.98	19449.33	20206.08	18474.34	19784.13	0.106374834	0.89463	
PBX1	GI 4505622-S	1094.02	1037.53	1129.96	1212.50	893.01	1117.36	0.093622528	0.90638	
FLT3	GI 4758395-S	-76.35	-76.23	-57.12	-75.90	-68.86	-67.49	0.089366929	0.91063	
ABCB1	GI 7669470-S	91.15	81.91	107.22	119.29	72.14	94.06	-0.082316162	0.91768	
DAP3	GI 16905527-A	15498.34	10013.59	15723.34	13899.97	15244.70	12693.71	-0.07259808	0.9274	
SHH	GI 21071042-S	382.56	322.32	409.67	394.19	349.22	364.11	0.05930903	0.94069	
EXT2	GI 4557572-S	6252.72	4934.30	6407.14	5405.98	7131.50	5229.74	-0.056207158	0.94379	
DDB2	GI 4557514-S	2241.65	2163.94	2194.85	2521.88	1852.81	2179.87	0.055698899	0.9443	
TNFRSF18	GI 23312365-S	10.34	2.80	52.18	53.58	-15.67	22.07	0.052653507	0.94735	
BMI1	GI 27883841-S	16208.72	14990.67	15980.87	16404.41	14196.48	16429.36	0.044241622	0.95576	
XRCC5	GI 12408650-S	22551.82	23025.49	22449.80	25102.91	19407.01	23238.91	0.038971022	0.96103	
MLH1	GI 28559089-S	4210.72	2055.47	4249.32	3341.44	4634.08	2683.43	-0.038660276	0.96134	
OSM	GI 28178862-S	252.19	213.99	313.82	303.35	242.79	238.76	-0.033917205	0.96608	
PTGS2	GI 4506264-S	-57.85	-49.11	-17.32	-13.09	-77.89	-35.99	0.02949628	0.9705	
COPEB	GI 37655156-S	4561.22	4473.01	4570.00	5029.25	3786.02	4749.11	0.024903195	0.9751	
INHA	GI 9257223-S	469.44	419.36	458.44	524.77	352.05	473.57	-0.01417989	0.98582	
LCN2	GI 38455401-S	-155.72	-140.85	-137.65	-143.98	-148.61	-141.88	0.009890624	0.99011	
JUND	GI 10938013-S	13272.63	12008.51	12343.01	13473.59	12306.70	11819.52	0.009782789	0.99022	

SUPPORTIVE/SUPPLEMENTARY MATERIAL FOR PUBLICATION

Supplementary Figure 1. DASL gene expression analysis complete data set. Gene expression data obtained from triplicate samples on the DASL array was tested for significant differences between PC-3 and PC-3B1 human prostate tumor cells using a heteroskedastic t-test following normalization using Illumina ® software. The gene symbol, target identification number, triplicate values for each cell line and statistical analysis are as indicated in the table. The heat map for each gene is represented with the following colors: Bright red = PC3-B1 gene expression levels higher than in PC-3 cells. Bright blue = PC-3B1 gene expression levels lower than in PC-3 cells. Dark purple = no differences in gene expression levels for PC-3B1 cells when compared to PC-3 cells.