

Table SI. $\Delta\Delta C_q$ values of several oncogenes.

Gene	CTL-1	CTL-2	CTL-3	K+1	K+2	K+3	AgNP-1	AgNP-2	AgNP-3
<i>GAPDH</i>	18.35	18.34	18.32	17.27	17.28	17.26	17.49	17.49	17.52
<i>MYC</i>	14.54	14.44	14.32	14.58	14.98	14.77	14.32	14.60	14.46
<i>CCND1</i>	17.69	17.92	17.82	21.50	22.11	20.84	20.00	20.10	20.04
<i>HER-2</i>	23.69	23.47	23.56	27.92	27.97	28.30	24.54	24.45	24.36
<i>PTGS2</i> (encodesC OX-2)	23.55	24.23	24.92	23.06	23.00	23.06	28.18	28.88	28.53
<i>CTNND1</i>	20.31	20.57	20.44	23.98	24.34	24.20	22.12	22.19	22.06

GAPDH, glyceraldehyde 3-phosphate dehydrogenase; *MYC*, c-Myc; *CCND1*, cyclin D1; *HER-2*, human epidermal growth factor receptor-2; *PTGS2*, prostaglandin-endoperoxide synthase 2; COX-2, cyclooxygenase-2; *CTNND1*, catenin delta-1.

Table SII. $\Delta\Delta C_q$ values of several apoptotic-related genes.

Gene	CTL-1	CTL-2	CTL-3	AgNP-1	AgNP-2	AgNP-3
<i>ACTB</i>	9.68	9.54	9.36	9.30	9.70	9.81
<i>TP53</i>	17.16	17.01	16.73	15.25	15.93	15.78
<i>BAX</i>	20.13	19.78	19.70	18.46	18.37	17.77
<i>BBC3</i> (encodes PUMA)	20.84	20.40	20.35	24.89	25.49	25.09
<i>BCL2</i>	22.95	22.31	22.69	22.67	21.73	21.97

ACTB, actin- β ; *TP53*, tumor protein P53; *BAX*, BCL2 associated X; *BBC3/PUMA*, BCL2 binding component 3; *BCL2*, B-cell lymphoma 2.