

Symbol	%CV (a)	%CV (b)	Symbol	%CV (a)	%CV (b)
AKT1	21%	21%	LTF	36%	31%
AR	32%	32%	MGST1	26%	21%
BIRC5	74%	60%	MMP1	80%	60%
BRCA1	23%	23%	MMP11	97%	65%
BRCA2	71%	67%	MMP14	73%	71%
BUB1	42%	42%	MMP17	82%	52%
CAV1	29%	19%	MMP2	14%	14%
CCNE1	32%	32%	MMP9	36%	36%
CD44	20%	20%	MUC1	25%	25%
CDH1	26%	26%	MYBL2	65%	45%
CDKN1B	19%	19%	PGR	69%	69%
COL1A1	125%	64%	PIK3CA	46%	37%
CYR61	15%	15%	SCUBE2	36%	36%
EGFR	34%	34%	TIMP1	20%	20%
ERBB3	40%	36%	TIMP3	65%	65%
ERBB4	33%	33%	TK1	67%	52%
ESR1	45%	45%	TNFRSF10B	12%	12%
FN1	34%	34%	VEGFA	28%	23%
GDF15	114%	68%	WT1	69%	45%
IGF2	45%	45%	YWHAZ	16%	16%
LCN2	47%	34%			

Table S5: Percent CV values of original and unfiltered OpenArray PCR results. Percent CV values for all tissues (%CV a) and for only those tissues with outliers were removed from the OpenArray results (%CV b). Removal was acceptable because the OpenArray PCR was not duplicated like the original PCR and had a higher number of values close or below the PCR's detection limit.