

Additional files

Table S1: Details of genes analyzed by RT-qPCR

Gene symbol	Alternate symbol	Gene definition	Cellular Pathways
ERBB2 GRB7 ERBB4 ISR1	c-erb B2 c-erb B4	V-erb-b2 erythroblastic leukemia viral oncogene homolog 2 Growth factor receptor-bound protein 7 V-erb-a erythroblastic leukemia viral oncogene homolog 4 Insulin receptor substrate 1	Growth factor receptors
ESR1 PGR BCL2 SCUBE2 ESR2 GATA3 FOXA1 TFF1	ER alpha PR ER beta PS2	Estrogen receptor 1 (alpha) Progesterone receptor B-cell leukemia 2 oncogene Signal peptide, CUB domain, EGF-like 2 Estrogen receptor 2 (beta) GATA binding protein 3 Forkhead box A1 Trefoil factor 1	Estrogen receptors
MKI67 AURKA BIRC5 CCNB1 MYBL2 E2F1 TOP2A TTK	Ki-67 STK6, STK15 survivin RBBP3, RBP3 PYT	Proliferation-related Ki-67 antigen Aurora kinase A Baculoviral IAP repeat-containing 5 Cyclin B1 V-myb myeloblastosis viral oncogene homolog (avian)-like 2 E2F transcription factor 1 Topoisomerase II, alpha TTK protein kinase	Proliferation
KRT5 KRT17 SERPINB5 TRIM29 KIT	 c-KIT	Keratin 5 Keratin 17 Maspin Tripartite motif-containing 29 Kit oncogene	Basal component
MMP11 CTSL2 MMP9	stromelysin 3 CATL2	Matrix metalloproteinase 11 Cathepsin L2 Matrix metalloproteinase 9	Proteases
GSTM1 TUBB MAPT FRAP1	 tau mTOR	Glutathione S-transferase M1 Tubulin, beta Microtubule-associated protein tau FK506 binding protein 12-rapamycin associated protein 1	Treatment response
CD44 CD24 PROM1	 CD133	CD44 antigen CD24 antigen Prominin 1	Stem cells
BBC3 CDKN1A CDKN2A	PUMA p21 p16	BCL-2 binding component 3 Cyclin-dependent kinase inhibitor 1A Cyclin-dependent kinase inhibitor 2A	P53, apoptosis
PTGS2 VEGF HIF1A	COX2	Prostaglandin-endoperoxide synthetase 2 Vascular endothelial growth factor Hypoxia-inducible factor, alpha subunit	Angiogenesis
CD68 BAG1 TERT BRCA1 BRCA2	 hTERT	CD68 antigen BCL2-associated athanogene Telomere reverse transcriptase Breast Cancer 1 Breast Cancer	Others