### Down-regulated genes

52 gene probes down-regulated in patients treated with aromatase inhibitor

- KPNA2, LOC728860, OL1A, DDX39, CCN1, IER3, NCPG, COX6C, BUB3, DNAJC9, BAZ1A, DL5G, KPNA1, SUB1, IARS, RER1

#### Down-regulated in BT-474 cells, 6 weeks after estrogen deprivation

- 1836 genes with SLR > 0.7

#### Down-regulated in MCF-7 cells, 6 weeks after estrogen deprivation

- 447 genes with SLR > 0.7

- 2363 genes with SLR > 0.7

### Up-regulated genes

36 gene probes up-regulated in patients treated with aromatase inhibitor

- FTL, VIM, PECAM1, CTSB, SPARC, COL1A1, SFRP4, CNN3, WWTR1, COL1A2, DCE, MMP2, D1, COL1A2, IG5B2, C20orf3, CT5, ZFPI6L2, OIR, FTL, DCE, DCE, SOBP

#### Up-regulated in BT-474 cells, 6 weeks after estrogen deprivation

- 2173 genes with SLR > 0.7

#### Up-regulated in MCF-7 cells, 6 weeks after estrogen deprivation

- 429 genes with SLR > 0.7

- 3210 genes with SLR > 0.7