A

Genes over-expressed in MCF7 (Total genes = 66)

38 genes overlap

58 unamplified
54 1ng amplified
47 single cell

Genes over-expressed in MCF10A (Total genes = 81)

35 genes overlap

79 unamplified
51 1ng amplified
48 single cell

B

Gene expression heatmap showing comparisons between MCF7 and MCF10A cell lines under different conditions.