

Table 1 differentially expressed genes is significantly associated with genetic mutation of breast cancer

| Genes | pValue | FDR B&H | FDR B&Y | Bonferroni |
|---|----------|------------|------------|------------|
| SHISA2, FBXO32, MMP7, FN1, CF1, EGR1, DCLK1 | 4.81E-10 | 9.85E-07 | 8.08E-06 | 9.85E-07 |
| FBXO32, FN1, DCN, CF1, SERPINB3, SERPINB4, MAP3K4 | 1.30E-09 | 1.34E-06 | 1.10E-05 | 2.67E-06 |
| ITGBL1, EBXO32, MMP7, FN1, DCN, CF1, OLFML3, MAP3K4 | 6.36E-09 | 4.35E-06 | 3.57E-05 | 1.30E-05 |
| NPY1R, FN1, DCN, CF1, PHLDA1, EGR1, DCLK1 | 2.99E-08 | 1.53E-05 | 1.26E-04 | 6.13E-05 |
| FBXO32, FN1, DCN, CF1, SERPINB3, SERPINB4 | 7.49E-08 | 3.07E-05 | 2.52E-04 | 1.54E-04 |