

| T47D cells after co-culture with ASCs | | | | | |
|---------------------------------------|------------------|---------------------------|--------------------------|---------------------------|--------------------------|
| <i>Function</i> | <i>Gene Name</i> | ctrl shRNA <i>In</i> ASCs | lep shRNA <i>In</i> ASCs | ctrl shRNA <i>ob</i> ASCs | lep shRNA <i>ob</i> ASCs |
| Cell Cycle and Apoptosis | <i>CDKN2A</i> | 2.8 | 2.7 | 1.5 | 1.9 |
| | <i>GSTP1</i> | 1.7 | 1.4 | 15.6* | 30.4* |
| | <i>SFRP1</i> | 4.0 | 0.6 | 0.7 | 0.7 |
| Angiogenesis | <i>PLAU</i> | 0.4 | 0.3 | 0.5 | 0.4 |
| | <i>THBS1</i> | 0.3 | 0.3 | 0.5 | 0.3 |
| | <i>CSF</i> | 0.3 | 0.3 | 0.5 | 0.3 |
| EMT and Metastasis | <i>SERPINE1</i> | 15.8* | 15.3* | 222.0 [#] | 17.6* |
| | <i>MMP2</i> | 3.8 | 2.9 | 2193.0 [‡] | 2.6 |
| | <i>IL-6</i> | 2.2 | 2.2 | 14.0 [‡] | 9.0* |
| | <i>TWIST1</i> | 5.6 | 4.2 | 19.6* | 2.3 |
| | <i>PTGS2</i> | 0.0 | 0.1 | 0.0 | 0.0 |
| | <i>SNAI2</i> | 0.3 | 0.6 | 0.4 | 0.3 |