List of all the gene expressions in alphabetical order analysed

| Gene | Hs. | Description |
|------|-----|-------------|
| B2M  |     | B2M         |
| ACTB |     | Actin, alpha, 1C |
| VTN  |     | Versican    |
| TNC  |     | Vascular cell adhesion molecule 1 |
| THBS2|     | Transforming growth factor, beta-induced, 68kDa |
| PECAM1|   | Secreted protein, acidic, cysteine-rich (osteonectin) |
| MMP16|    | Sarcoglycan, epsilon |
| MMP13|    | Platelet/endothelial cell adhesion molecule |
| MMP1 |    | Matrix metallopeptidase 2 (gelatinase A, 72kDa gelatinase, 72kDa type IV collagenase) |
| MMP15|    | Matrix metallopeptidase 15 (membrane-inserted) |
| LAMA2|    | Matrix metallopeptidase 10 (stromelysin 2) |
| ANOS1|    | Hyaluronan synthase 1 |
| ITGB3 |   | Catenin (cadherin-associated protein), beta 1, 88kDa |
| ITGB2 |   | Collagen, type VII, alpha 1 |
| ITGAV|    | Collagen, type VI, alpha 2 |
| ITGA8 |   | Collagen, type V, alpha 1 |
| ITGA5 |   | Collagen, type XIV, alpha 1 |
| ITGA2 |   | Contactin 1 |
| FN1  |    | C-type lectin domain family 3, member B |
| CTNND2|    | ADAM metallopeptidase with thrombospondin type 1 motif, 1 |

Supplementary Table S2. Lists of all the genes expressed in alphabetical order analysed with RT-ProFile™ PCR Array (Qiagen) expressed as average of 2^-ΔΔCt for each treatment. P values were calculated with paired t-test. Differences with P value < 0.05 were considered significant.