**S3 Table.** Change in mRNA expression of NRs after hADSC differentiation.In the Nuclear receptors and coregulators PCR array, fold expression differences between hADSC and differentiated cells were analyzed through the SA Biosciences Web page. All experiments were run in triplicates.

|  |  |  |  |
| --- | --- | --- | --- |
| **NR** | **Adipogenesis (FC)** | **Chondrogenesis (FC)** | **Osteogenesis (FC)** |
| RXRA (NR2B1) | 4.0454 | 4.132 | 6.2745 |
| COUP-TFI (NR2F1) | 4.0217 | 3.5743 | 8.8581 |
| THRB (NR1A2) | 6.2454 | 17.3797 | 13.1046 |
| RARG (NR1B3) | -4.6178 | -3.1037 | -2.2110 |
| RARB (NR1B2) | 6.1254 | 3.9614 | -1.0009 |
| RORA (NR1F1) | 2.3179 | 4.1583 | 1.4426 |
| PPARG (NR1C3) | 29.6056 | 1.7996 | 4.2291 |
| GR (NR3C1) | -1.4781 | -2.5312 | -3.9101 |
| AR (NR3C4) | 2.8487 | -1.6546 | 1.5013 |
| ESRRA (NR3B1) | 2.7138 | -1.4639 | -1.3824 |
| LXR (NR1H3) | 15.0929 | -1.5287 | -2.0511 |
| PPARA (NR1C1) | 2.5032 | 1.5996 | 1.6249 |
| THRA (NR1A1) | 2.0803 | 1.0590 | -1.6298 |
| VDR (NR1I1) | -3.1431 | 1.8079 | -1.4369 |
| ESR1 (NR3A1) | 1.9552 | 5.4083 | -1.3368 |
| PPARD (NR1C2) | -1.9395 | -2.4002 | -1.4612 |
| COUP-TFII (NR2F2) | 1.4372 | -2.2786 | 1.1711 |
| MR (NR3C2) | -1.7504 | 2.5814 | 1.3846 |
| EAR1b (NR1D2) | -1.4312 | -1.3698 | -2.1455 |
|  |  |  |  |

***RED***= significant increase in expression levels, FC

***BLUE***= significant decrease in expression levels, FC