

Supplementary Table S1. Human mesenchymal stem cell qPCR array plate genes and their classification.

TRANSCRIPT NAME	CLASSIFICATION
<i>PPARG, RHOA, CEBPA, CEBPB, LEPR</i>	Adipogenic
<i>HAT1, ITGAX, KAT2B, SOX9, ACAN, COL2A1, MMP13, CSPG4</i>	Chondrogenic
<i>BMP4, TGFB1, TGFB3, BMP6, KDR, MSX1, MSX2, BMP2, PRRX1</i>	Chondrogenic / Osteogenic
<i>TWIST2, ANPEP, CASP3, CD44, ENG, ERBB2, FUT4, FZD9, ITGA6, ITGAV, MCAM, NGFR, NT5E, PDGFRB, PROM1, THY1, VCAM1, BDNF, CD200, COL10A1, FGF18, DLX2, DLX5, PDGFRA</i>	MSC
<i>CTNNB1, EGF, HGF, ICAM1, IFNG, IGF1, IL10, IL1B, IL6, ITGB1, KITLG, MMP2, NES, NUDT6, PTPRC, SLC17A5, TNF, VEGFA, VIM, VWF, JAG1, NOTCH1, GDF15, SMAD4, HIC1</i>	MSC-related/Angiogenesis
<i>ALPL, IBSP, SP7, BGLAP, BMP7, COL1A1, FGF10, HDAC1, PTK2, SMURF1, SMURF2, TBX5, RUNX2, FGF9</i>	Osteogenic
<i>FGF2, LIF, SOX2, TERT, GDF5</i>	Stemness
<i>GAPDH, RN18S1, ACTB, TBP, UBC</i> Positive Control	Housekeeping / Control