

SUPPLEMENTARY TABLE S6. OVERLAPPED GENES BETWEEN HUMAN MESENCHYMAL STEM CELLS FROM OSTEOPOROTIC DONORS AND HUMAN ADIPOSE-DERIVED STEM CELLS FROM PREVIOUS STUDY¹⁹

| <i>Symbol</i> | <i>Entrez gene name</i> | <i>hMSC from osteoporotic donors</i> | | <i>Previous study in hASC¹⁹</i> | |
|----------------|--|--------------------------------------|----------------|--|----------------|
| | | <i>Fold change</i> | <i>p-Value</i> | <i>Fold change</i> | <i>p-Value</i> |
| <i>PMEPA1</i> | Prostate transmembrane protein, androgen induced 1 | 2.496 | 5.46E-11 | 6.908 | 1.20E-03 |
| <i>PDLIM4</i> | PDZ and LIM domain 4 | 2.414 | 4.07E-09 | 4.061 | 3.30E-06 |
| <i>ADAM12</i> | ADAM metalloproteinase domain 12 | 1.737 | 1.21E-11 | 2.531 | 7.74E-03 |
| <i>MICALL1</i> | MICAL-like 1 | 1.859 | 3.00E-05 | 2.112 | 6.07E-12 |
| <i>VEGFA</i> | Vascular endothelial growth factor A | 1.667 | 1.16E-07 | 1.894 | 3.60E-03 |
| <i>INSIG1</i> | Insulin induced gene 1 | 1.605 | 7.45E-07 | 1.737 | 3.22E-03 |
| <i>JUND</i> | jun D proto-oncogene | 1.351 | 3.89E-06 | 1.391 | 5.90E-04 |
| <i>RALA</i> | v-ral simian leukemia viral oncogene homolog A (ras related) | 1.402 | 6.33E-03 | 1.382 | 7.27E-06 |

hMSC, human mesenchymal stem cells.