



**Supplementary Figure S1** Trilineage differentiation of MSCs. Trilineage differentiation of isolated MSCs derived from fat, used as a positive control, into adipocytes (Oil Red O) (A), osteocytes (Alizarin Red) (B) and chondrocytes (Alcian blue) (C). Scale bar is 50  $\mu$ m. Gene expression of the corresponding genes (D). MSC: mesenchymal stromal cell.