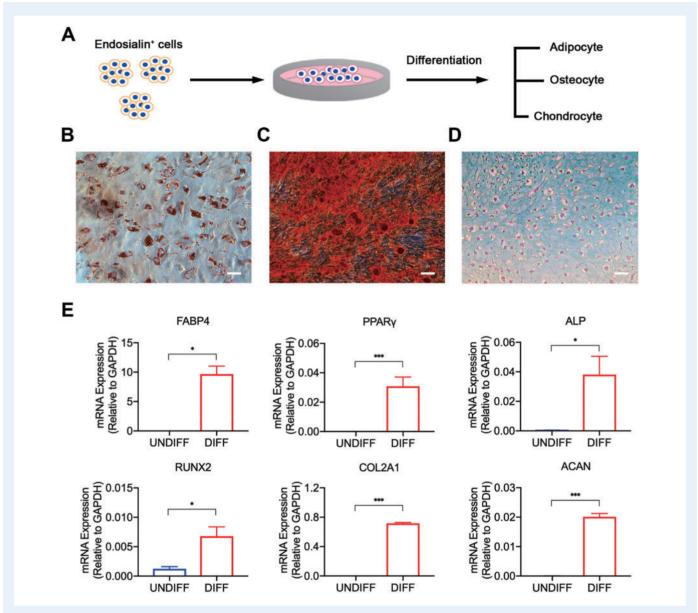
SUPPLEMENTARY DATA



Supplementary Figure S4. Multi-lineage differentiation capacity of endosialin⁺ **cells in vitro.** (**A**) Schematic of the experimental procedure used to induce multi-lineage differentiation. (**B–D**) Representative images showing the potential of endosialin⁺ cells to differentiate into adipocytes (Oil Red O), osteocytes (Alizarin Red S) and chondrocytes (Alcian blue) (n = 3). The scale bars denote 50 μm. (**E**) Quantitative RT-PCR analysis was used to detect the adipogenic markers FABP4 and PPARγ, the osteogenic markers ALP and RUNX2 and the chondrogenic markers COL2AI and ACAN in undifferentiated and DIFF. The data are expressed as the mean \pm SEM (n = 3). **P < 0.001, ***P < 0.001. ACAN, aggrecan; ALP, alkaline phosphatase; COL2AI, collagen type 2 alpha I chain; DIFF, differentiated endosialin⁺ cells; FABP4, fatty acid-binding protein 4; PPARγ, peroxisome proliferator-activated receptor-γ; RUNX2, runt-related transcription factor 2; UNDIFF, undifferentiated endosialin⁺ cells.