| Gene Name              | Primer sequence            |
|-----------------------|---------------------------|
| 36B4                  | FW: ATGCAGGCAGATCCGCATGT  |
|                       | RV: TCATGGGTGTTCTTGGCCATCA |
| NRP2                  | FW: GTGAAAGAGTGGAAGAGACTACCA |
|                       | RV: GCTGAAGTTTCCCCACACT   |
| TRAP                  | FW: TACTTCACTGGAGTGCACTGAT |
|                       | RV: GAAGTTCCAGCGCTTGGAGA  |
| Cathepsin K           | FW: GAGGGCCAACCTCAAGAAGAA |
|                       | RV: GCCCGTGGCGTTATACATACA |
| DC-STAMP              | FW: GTATCGGGCTCATTCTCTCCA |
|                       | RV: ACTCCTTGGTCTTCTTGT    |
| ATP6DOV2              | FW: AGAGGGGTTTGCGGTCTTAG  |
|                       | RV: GCCAGTGAAGCGAGAAGTCAT |
| MMP9                  | FW: CTTAGATCATTCACAGCGT   |
|                       | RV: CAGATATACTGGATGCCGCTTA |
| Carbonic anhydrase II | FW: ATTGGACCTGCTCACAAGGG  |
|                       | RV: CCACATGACACACCTGGGTC  |
| VEGF-C                | FW: CAGTTTGCGGTCTGTGTCCAGCGTAG |
|                       | RV: GGACACACACATGGGAGTTAAAAGAAG |
| RANK                  | FW: CAAACCTTGGACACAACTGCAC |
|                       | RV: TGGTCTCTCCAGTGTCTAGGAAG |
**Supplementary Table 1:** Table showing the mouse-specific forward and reverse primers used in the gene expression analysis by real-time PCR.