## Supplementary file 2

List of primers used for qRT-PCR

|  |  |  |
| --- | --- | --- |
| Gene | Forward primer | Reverse primer |
| Human |
| *ALPI*  | TACACGTCCATCCTGTACGG | CTCGCTCTCATTCACGTCTGG |
| *ALPL*  | ATGGGATGGGTGTCTCCACA | CCACGAAGGGGAACTTGTC |
| *ALPP*  | CACCTGTGGGACTTGAGGAC | TTTGGCTCTCGACCAGTGTC |
| *ALPP2* | GGCATCATCCCAGTTGAGGAG | GCACATGCTTGTCTACACTGTAT |
| *B2M* | ATCCAATCCAAATGCGGCATC | AGTATGCCTGCCGTGTGAAC |
| *BGLAP* | CACTCCTCGCCCTATTGGC | GTGGTCAGCCAACTCGTCA |
| *FGF23* | CACCTGCAGATCCACAAGAA | TAATCACCACAAAGCCAGCA |
| *GAPDH* | TCAACGACCACTTTGTCAAGC | GGTGGTCCAGGGGTCTTACTC |
| *NANOG* | TGATTTGTGGGCCTGAAGAAAA | GAGGCATCTCAGCAGAAGACA |
| *POU5F1* | GACTCCTCGGTCCCTTTCC | CAAAAACCCTGGCACAAACT |
| *SLC34A1* | CCCTCAGGTCCTACACAGGAT | GGAGCAGACGAAGAGGTAGAG |
| *SLC34A2* | CTGAGGCACCTGTAACCAAGA | GGAGCACACGAAAAAGTAGAGA |
|  |  |  |
| Mouse |
| Abcc6 | GCATCGTTCAGGCTCGAGTG | CGAGGAGCGCCTGGAGTTAC |  |  |
| *Alpl* | CACGGCCATCCTATATGGTAA | GGGCCTGGTAGTTGTTGTGA |  |  |
| *B2m* | CGAGACATGTGATCAAGCATCA | TATTGCTCAGCTATCTAGGATAT |  |  |
| *Bglap* | CTGACCTCACAGATCCCAAGC | TGGTCTGATAGCTCGTCACAAG |  |  |
| *Cyp24a1* | ACACTGGCAGAGTACCACAAG | TCCAGGGTTTGATCTCTAGCC |
| *Cyp27b1* | GCACAGTTTACGTTGCCGAC | CGTTAGCAATCCGCAAGCA |
| *Enpp1* | AAGCGCTTACACTTCGCTAAAAG | TGATGGATTCAACGCAAGTTG |
| *Runx2* | AGAGTCAGATTACAGATCCCAGG | TGGCTCTTCTTACTGAGAGAGG |
| *Slc20a1* | TCATCATTGCATTTGTCTTGGCA | CGGATGGTTTCGCTCACTTTG |
| *Slc34a1* | GACAATGCCATCCTATCCAACC | GAGCCCATGATGATCGGAATG |
| *Slc34a2* | GACTGAACTGCTACCCTCCTA | ACCATTTGATCCCAGTGTCCT |

ds to 100 µm.