

SUPPLEMENTARY TABLES

Supplementary Table 1. Baseline characteristics of the study population.

Variables	Total (n=35)	Bone mineral density normal (or reduce) women (n=27)	Osteoporosis women (n=8)
Hepcidin(pg/ml)	26.01±10.35	28.43±9.84	17.34±7.51
lumbar BMD (g/cm ²)	0.92±0.12	0.97±0.09	0.76±0.04
collum femoris BMD (g/cm ²)	0.79±0.11	0.83±0.11	0.71±0.06
Age (years)	62.31±5.79	62.11±6.01	62.11±5.64
Fasting glucose (mmol/L)	5.18±0.56	5.18±0.55	5.10±0.63
HbA1c (%)	5.69±0.34	5.76±0.36	5.49±0.22
HDL cholesterol (mmol/L)	1.42±0.34	1.43±0.36	1.38±0.24
LDL cholesterol (mmol/L)	3.30±0.75	3.33±0.78	3.18±0.63
ALT (U/L)	19.18±10.57	18.58±7.97	20.33±16.22
AST (U/L)	21.29±6.32	20.77±6.00	22.89±6.99
Urea	5.34±1.32	5.41±1.42	5.14±0.93
Creatinine	60.24±9.34	61.27±9.37	58.22±9.31
Lithic acid (μmol/L)	298.85±90.10	308.58±94.16	266.67±66.92
Ferritin (ng/mL)	175.96±91.16	151.99±78.92	256.87±82.76

BMD = bone mineral density; HbA1c = glycated hemoglobin; HDL = high-density lipoprotein; LDL = low-density lipoprotein; ALT = alanine aminotransferase; AST = aspartate aminotransferase.

Supplementary Table 2. Primers used for quantitative RT-PCR.

Gene	Primers (Forward/Reverse)
Bmp2	5'-AAGCGTCAAGCCAAACACAAAC-3' 5'-GCCACGATCCAGTCATTCCAC-3'
Alp	5'-CCAACTCTTTTGTGCCAGAGA-3' 5'-GGCTACATTGGTGTGAGCTTTT-3'
Runx2	5'-AACTTCCTGTGCTCCGTGCTG-3' 5'-TCGTTGAACCTGGCTACTTGG-3'
Bglap	5'-GGACCATCTTTCTGCTCACTCTG-3' 5'-GTTCACTACCTTATTGCCCTCCTG-3'
Mmp9	5'-TCCAGTACCAAGACAAAG-3' 5'-TTGCACTGCACGGTTGAA-3'
Trap	5'-TACCTGTGTGGACATGACC-3' 5'-CAGATCCATAGTGAAACCGC-3'
Ptk2β	5'-CGTCTTCCTTCTCCACATCC-3' 5'-TTGAGCCGTGTAAGTGGG-3'
CTSK	5'-GCCGTGGCGTTATACATACA-3' 5'-CTTCCAATACGTGCAGCAGA-3'
Pgc-1β	5'-AAGAACTTCAGACGTGAGAGCAGAG-3' 5'-GCATGCCGGACGCTTG-3'
β-actin	5'-TCCTGTGGCATCCACGAAACT-3' 5'-GAAGCATTGCGGTGGACGAT-3'