## SUPPLEMENTARY TABLE

**Supplementary Table 1. Characteristics of osteoporosis patients and healthy control.**

| Clinical index (mean ± SD) | osteoporosis | control |
|---------------------------|--------------|---------|
| Age                       | 62 ± 6.00    | 61 ± 7.00 |
| BMI                       | 20.1 ± 3.96  | 21.3 ± 3.44 |
| BMD (g/cm²)               | 0.58 ± 0.10  | 0.79 ± 0.05 |
| T-Score Lumbar Spine (L2-L4) | -2.7 ± 0.19 | 0.4 ± 0.93 |
| CROSSL (ng/mL)            | 0.77 ± 0.13  | 0.50 ± 0.07 |
| TPINP (ng/mL)             | 63.8 ± 7.01  | 51.2 ± 6.86 |
| OSTEOC (ng/mL)            | 22.9 ± 2.6   | 14.17 ± 2.5 |