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**Supplementary Figure 1** CT was used to examine the bone volume fraction (BV/TV), trabecular thickness (Tb.Th), the number of trabeculae (Tb.N) and the mean spacing of trabecular bone (Tb.Sp) in the NC group, the Bone metastases group and the Bone metastases + Baicalin group. Compared with the control group, BV/TV, Tb.Th and Tb.N were downregulated in the Bone metastases group. Although the trend of Tb.Sp was opposite, BV/TV, Tb.Th and Tb.N were significantly increased after baicalin treatment. Data were shown as mean ± SD. \*\**p*﹤0.01, \*\*\**p*﹤0.001.

Supplementary Table 1 The primers were used for this study

|  |  |  |
| --- | --- | --- |
| Genes | F(5’-3’) | R(5’-3’) |
| *ALPP* | GTGAACCGCAACTGGTACTC | GAGCTGCGTAGCGATGTCC |
| *DUSP1* | AGTACCCCACTCTACGATCAGG | GAAGCGTGATACGCACTGC |
| *CYR61* | CTCGCCTTAGTCGTCACCC | CGCCGAAGTTGCATTCCAG |
| *ALPPL2* | CCCGCTTTAACCAGTGCAAC | CCCACGTCACCTCGTTTCTT |
| *SPP1* | CTCCATTGACTCGAACGACTC | CAGGTCTGCGAAACTTCTTAGAT |
| *GAPDH* | AGCTTCGGCACATATTTCATCTG | CGTTCACTCCCATGACAAACA |