

Supplementary Table 1. Primer sequences used for real-time quantitative PCR (q-PCR) analysis

<i>Gene</i>	<i>5' to 3'</i>	<i>Primers</i>
<i>Nfatc1</i>	Sense	CCGTTGCTTCCAGAAAATAACA
	Anti-Sense	TGTGGGATGTGAACTCGGAA
<i>Atp6v0d2</i>	Sense	AAGCCTTTGTTTGACGCTGT
	Anti-Sense	TTCGATGCCTCTGTGAGATG
<i>Ctsk</i>	Sense	CTTCCAATACGTGCAGCAGA
	Anti-Sense	TCTTCAGGGCTTTCTCGTTC
<i>EphrinB2</i>	Sense	GACTGACTGGTGAGTGGTGG
	Anti-Sense	TCTGTGCTCTAGCTGGTCCT
<i>Rank</i>	Sense	TGCAGCTCTCCATGACACTG
	Anti-Sense	CAGCCACTACTACCACAGAGATG
<i>Rankl</i>	Sense	CATCGGGTCCATAAAG
	Anti-Sense	GAAGCAAATGTTGGCGTA
<i>Opg</i>	Sense	ATGCCGAGAGGTAGAGAGGATA
	Anti-Sense	GTCTCTGTTTTGATGTTTCCACAG
<i>Alp</i>	Sense	ATCTTTGGTCTGGCTCCCATG
	Anti-Sense	TTTCCCGTTCACCGTCCAC
<i>Bsp</i>	Sense	GTTTCAGCAGACAACCCACC
	Anti-Sense	CTCCCCGTTCTCGTTGTCATA
<i>Opn</i>	Sense	CCCTCGATGTCATCCCTGTT
	Anti-Sense	CCCTTCCGTTGTTGTCCTG
β -Actin	Sense	GTGCTATGTTGCTCTAGACTTCG
	Anti-Sense	ATGCCACAGGATTCCATACC
<i>Gapdh</i>	Sense	TGGTGAAGGTCGGTGTGAAC
	Anti-Sense	CCATGTAGTTGAGGTCAATGAAGG

Supplementary Figure 1 (Fig. S1). SEM images visualize the morphology of osteoclast precursors (RAW 264.7 cells) on (a,d) Sr-BCP and (c, d) BCP after 6-day culture under 100 ng/mL RANKL stimulation. Scale bar: 100 μ m. Yellow arrows: large-sized osteoclast-like cells; transparent arrow: unfused macrophages.

