Table SI. Reverse transcription-quantitative PCR primers for osteoblast and osteoclast marker genes.

Gene	Sequence (5'→3')
OCN	F: GCGCTCTGTCTCTCTGACCT R: ACCTTATTGCCCTCCTGCTT
ALP	F: GCTGATCATTCCCACGTTTT R: GAGCCAGACCAAAGATGGAG
OPN	F: TGCACCCAGATCCTATAGCC R: TGTGGTCATGGCTTTCATTG
COL1α2	F: CTGGTCCTGTTGGAAGTCGT R: CAGATGCACCTGTTTCTCCA
CTSK	F: CTTCCAATACGTGCAGCAGA R: TCTTCAGGGCTTTCTCGTTC
MMP-9	F: CCTGTGTGTTCCCGTTCATCT R: ACCCGAATCTAGTAAGGTCGC
NFATc1	F: CCGTTGCTTCCAGAAAATAACA R: TGTGGGATGTGAACTCGGAA
ACP5/TRAP	F: CACTCCCACCCTGAGATTTGT R: CCCCAGAGACATGATGAAGTCA
β-actin	F: TCTGCTGGAAGGTGGACAGT R: CCTCTATGCCAACACAGTGC

F, forward; R, reverse; *OCN*, osteocalcin; *ALP*, alkaline phosphatase; *OPN*, osteopontin; *COL1α2*, type I collagen; *CTSK*, cathepsin K; *MMP-9*, matrix metalloproteinase 9; *NFATc1*, nuclear factor of activated t-cell cytoplasmic 1; *ACP4/TRAP*, tartrate-resistant acid phosphatase.

Table SII. Evaluation of clarity of fracture lines at endpoints.

A, wild type mice (n=6)

	Dayspost-fracture surgery			
Fracture line	7	14	21	28
Clear	6	1	0	0
Blurred	0	5	1	0
Very blurred	0	0	5	

B, *Ctsk*^{Cre}-*PDK1*$^{flox/flox}$ knockout mice (n=6)

	Dayspost-fracture surgery			
Fracture line	7	14	21	28
Clear	6	4	1	0
Blurred	0	2	5[a]	2
Very blurred	0	0	0	4

[a]$P<0.05$.