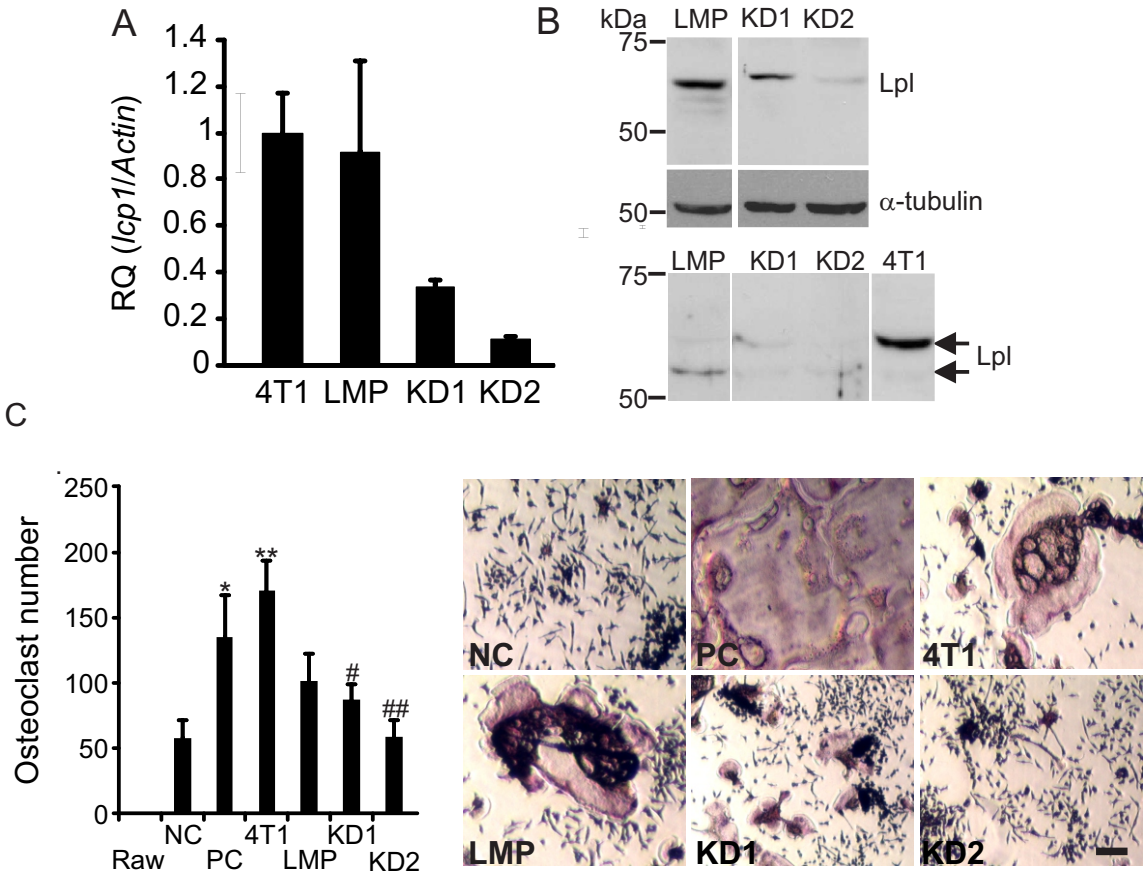
Supplemental Figure 2.



Supplemental Figure 2. Generation of L-plastin targeting shRNA 4T1 clones. 4T1 cells were transfected with shRNA targeting L-plastin with two independent shRNA expression vectors (KD1 and KD2), or an empty vector (LMP), and stable clones were generated. **A)** Expression of *Lcp1* in parental 4T1 cells and shRNA cells harboring control vector (LMP), or shRNA for L-plastin (KD1 and KD2) was assessed and normalized to beta-actin (TaqMan: *Lcp1*: Mn00786153_s1, *Actb*: Mn00607938_s1.
B) Expression of L-plastin in cell lysates (*top*) and conditioned medium (*bottom*) was assessed by immunoblotting. **C)** RAW 264.7 cells were cultured untreated (RAW), or primed with RANKL (50 ng/mL) for 2 days and then cultured for additional two days without treatment (negative control, NC), with RANKL (50 ng/mL, PC) or with 10% CM with from parental 4T1 cells (4T1), shRNA control clone LMP, or shLCP1 clones KD1 and KD2. Average numbers (*left*) and representative images (*right*), of osteoclasts formed in indicated conditions. Scale bar of 50 μm applies to all images. Data are means ± SEM, N = 6; *p < 0.05, **p < 0.01 compared to negative control, #p<0.05, ##p<0.01 compared to 4T1, assessed by Student's t-test.