

Fig S1. Frequency maps of osteogenic differentiation (A) and adipogenic differentiation (B) of human adipose-derived stem cells (hASCs) in 1:1 mixture of osteogenic and adipogenic media for 4 days. At the top are cells on rings with an inner diameter of 1000 μ m and a width of 200 μ m, and the bottom rectangles are 1000 μ m in length and 100 μ m in width. Scale bars: 200 μ m.

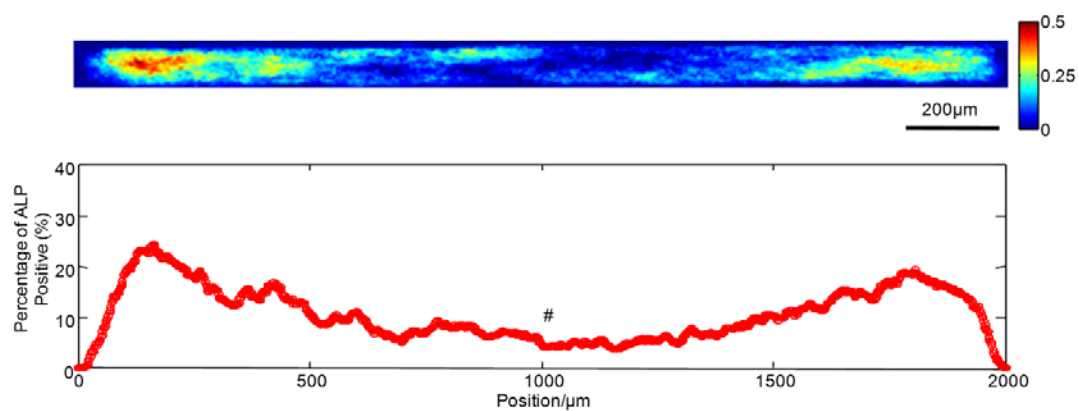


Fig S2. Alkaline phosphatase activity (ALP) of human adipose-derived stem cells (hASCs) on rectangles (2,000x100 μm) in osteogenic differentiation medium for 3 days. At the top is the frequency map and the corresponding average ALP activity along the length of each pattern is shown at the bottom. (# significantly different from the peak ALP near two ends in the same rectangle)