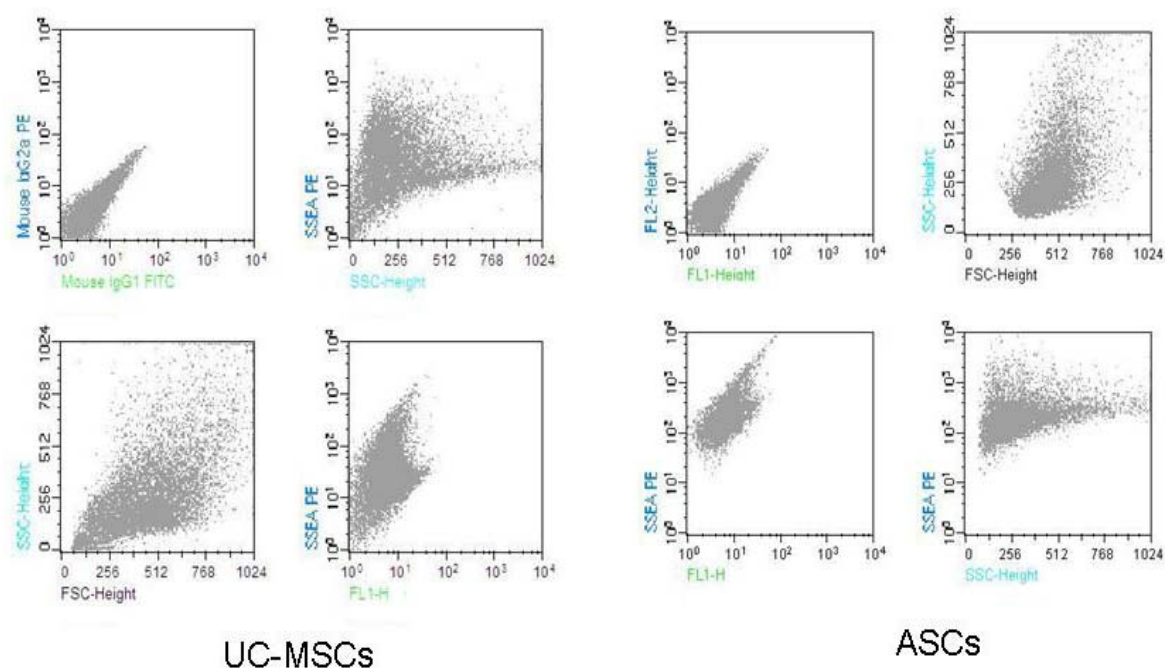


**Supplementary Table 1: Primer sequences (5'–3') used for Real-time PCR**

Genes	Sequences
Alkaline Phosphate	GACCCTTGACCCCCACAAT(F) GCTCGTACTGCATGTCCCCT(R )
Osteocalcin	GGCAGCGAGGTAGTGAAGAG(F) CTGGAGAGGAGCAGAACTGG(R )
Leptin	GTGCGGATTCTTGTGGCTTT (F) GGAATGAAGTCCAAACCGTG (R )
RUNx2	AGATGATGACACTGCCACCTCTG(F) GGGATGAAATGCTTGGAAGTGC(R )



**Supplementary Figure 1: Immunophenotyping with SSEA-PE antibody.** The left-hand side four pictures are representative images from UC-MSCs and the right-hand side four pictures are representative images from ASCs.