



Figure S3. Expression of lineage marker genes in the differentiated 5-aza-treated MSCs with reference to β -Actin gene. The expression of **(a)** osteocyte markers (*Ocn* and *Opn*) and **(b)** adipocyte markers (*Adipoq* and *Pparg*) were determined by qRT-PCR. MSCs cultured in basic medium without differentiation agents for the same period of time were served as controls. Gene expressions were normalized with housekeeping gene β -Actin. Experiments were performed with three replicates. Data represent mean \pm SD; * $p < 0.05$ and ** $p < 0.01$.