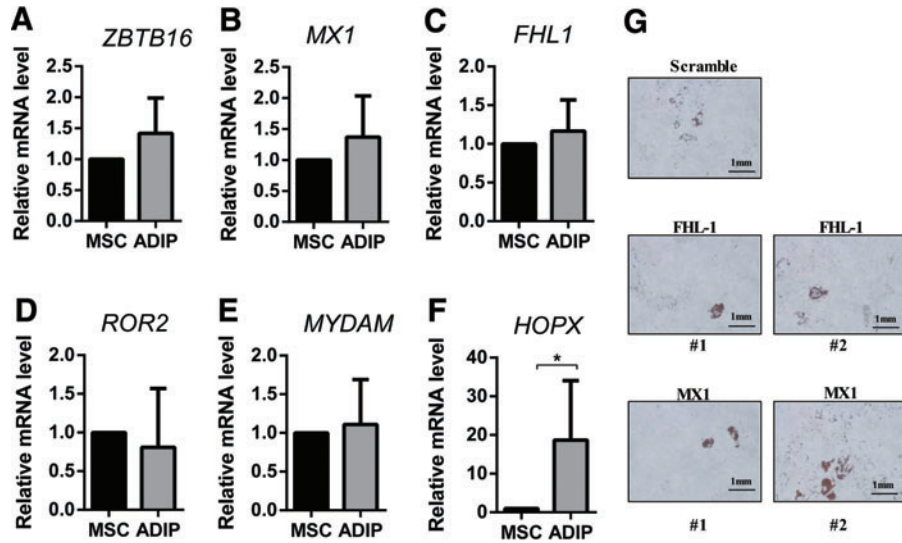


Supplementary Data



SUPPLEMENTARY FIG. S1. Expression of genes identified in bioinformatics analysis during adipogenic differentiation. (A–F) Real-time analysis of gene expression levels of EZH2 target genes, *ZBTB16*, *FHL1*, *MYADM*, *HOPX*, *ROR2*, and *MX1*, in MSC during adipogenic differentiation. (G) Representative images of Oil Red O staining of lipid containing adipocytes in cultures of *MX1*, *FHL1*, and control siRNA-treated MSC cultured under adipogenic inductive conditions. Mean values \pm SEM, $n=3$ independent MSC donors (* $P < 0.05$ paired t -test). EZH2, methyltransferase enhancer of zeste homolog 2; MSC, mesenchymal stem cell; SEM, standard error of the mean.