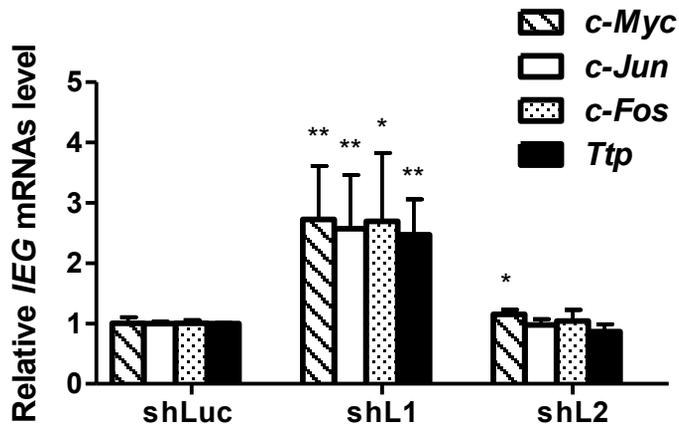
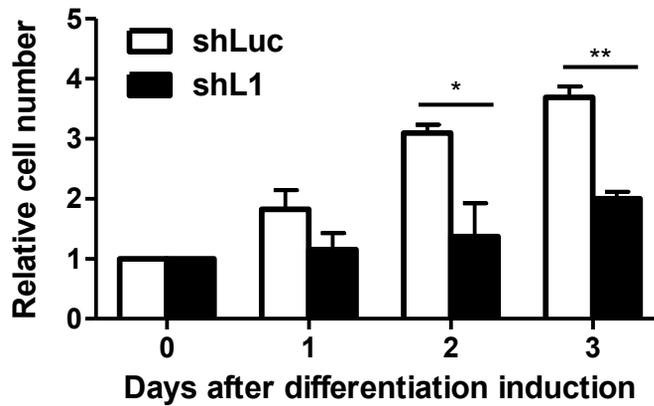


## Supplemental figures



**Figure S1. Knockdown of ZFP36L1 in 3T3-L1 cells results in increasing *IEG* mRNAs.** RNA was isolated from control (shLuc) or ZFP36L1-knockdown (shL1) 3T3-L1 cells and quantitative PCR analysis was performed with *c-Myc*, *c-Jun*, *c-Fos*, and *Ttp* specific primers: 5'-GAGAGTAAGGAGAACGGTTC-3', 5'-TTCAAGGCCCTATTTACATGG-3' for *c-Myc*; 5'-GCAGAGAGGAAGCGCATGAG-3' and 5'-AGCATGTTGGCCGTGGAT-3' for *c-Jun*; 5'-CTTCTTGTTTCCGGCATCATC-3' and 5'-GCTCCCAGTCTGCTGCATAGA-3' for *c-Fos*; 5'-GGATCTCTCTGCCATCTACGA-3' and 5'-CAGTCAGGCGAGAGGTGAC-3' for *Ttp*. The bars showed the mean $\pm$ SD of relative mRNA levels normalized with  $\beta$ -actin levels from three independent experiments. \* $P$ <0.05, \*\* $P$ <0.01.



**Figure S2. Mitotic clonal expansion is inhibited in ZFP36L1-knockdown 3T3-L1 cells.** Two-day post confluent control (shLuc) or ZFP36L1-knockdown (shL1) 3T3-L1 cells were treated for FMDI to induce differentiation. The cells were harvested at indicated time intervals. Then the cells were stained by trypan blue and the cell numbers were measured by Countess Automatic Cell Counter following manufacturer's instruction. The bars showed the mean  $\pm$  SD of relative cell number from two independent experiments. \* $P < 0.05$ , \*\* $P < 0.01$ .