



Supplementary Figure 1. 3T3-L1 adipocyte maturation process. (A) Fluorescence microscopic images of 3T3-L1 stained with Bodipy (green) for lipid droplets and DAPI (blue) for nuclei at days -1, 10 and 17. Images are representative of at least 5 independent experiments. (B) Western blot analysis of PLIN1, PLIN2 and β-actin in 3T3-L1 preadipocytes (day -1) and adipocytes at 3, 10 and 17 days of differentiation. Blots are representative of 3-5 independent experiments. (C) Leptin and (D) adiponectin secreted by 3T3-L1 during adipogenesis. Bars represent mean ± standard error of the mean of 7 independent experiments. * = $p < 0,01$. Statistical analyzes were performed by using Mann-Whitney U tests.