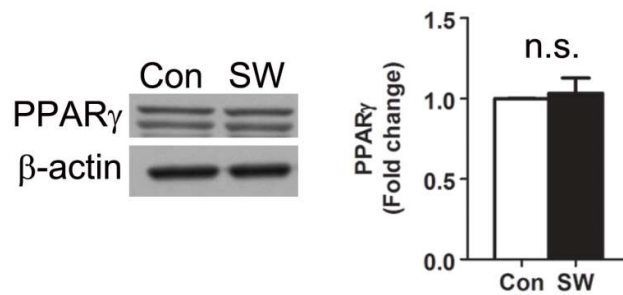


Supplementary Figure 1. There was no difference in total cell number after shockwaves-treatment. (A) After fully differentiation, 5th times shockwave treatment (D11), 0.025 mJ/mm² shockwave-treatment resulted in no significant total cell number difference compared with untreated cells. (B) 1st time shockwave (0.005, 0.012, 0.025 and 0.04 mJ/mm²) treatment (D1) resulted in no significant cell number difference compared with untreated cells. Cells were trypsinized and total cell numbers were counted by Luna™ automated cell counter (Logos Biosystems, Anyang-Si, South Korea).



Supplementary Figure 2. Shockwave treatment did not affect the level of PPAR γ after fully differentiated 3T3L-1. 3T3L-1 was fully differentiated (D14) and then cells were treated with or without shockwaves. Next day, cells were harvested for immune blot with anti-PPAR γ . β -actin was used as internal control. Quantification result of PPAR γ (Right graph).