

Supplementary Figure Legends.

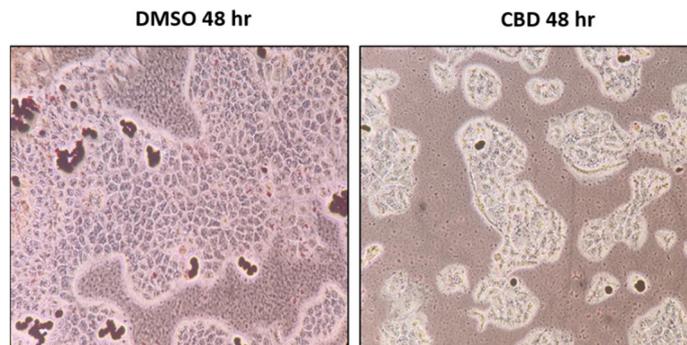


Figure S1. Adipocytic differentiation was measured with Oil Red O staining. Intracellular vesicles formed by CBD treatment are not related to adipocyte differentiation.

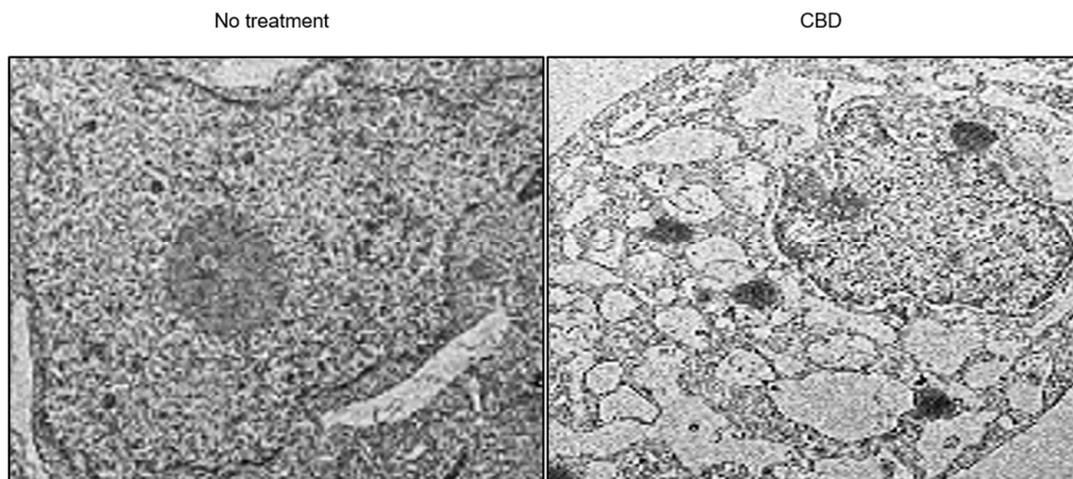


Figure S2. Cellular morphology was also observed with scanning electron microscopy (SEM) after 20 μ M CBD for 48 hours.

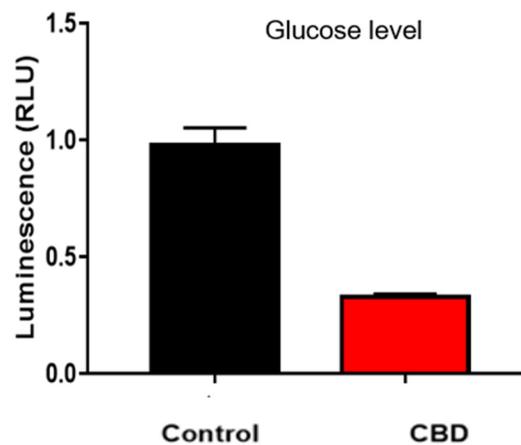


Figure S3. Intracellular glucose level was determined after 20 μ M CBD for 24 hours.

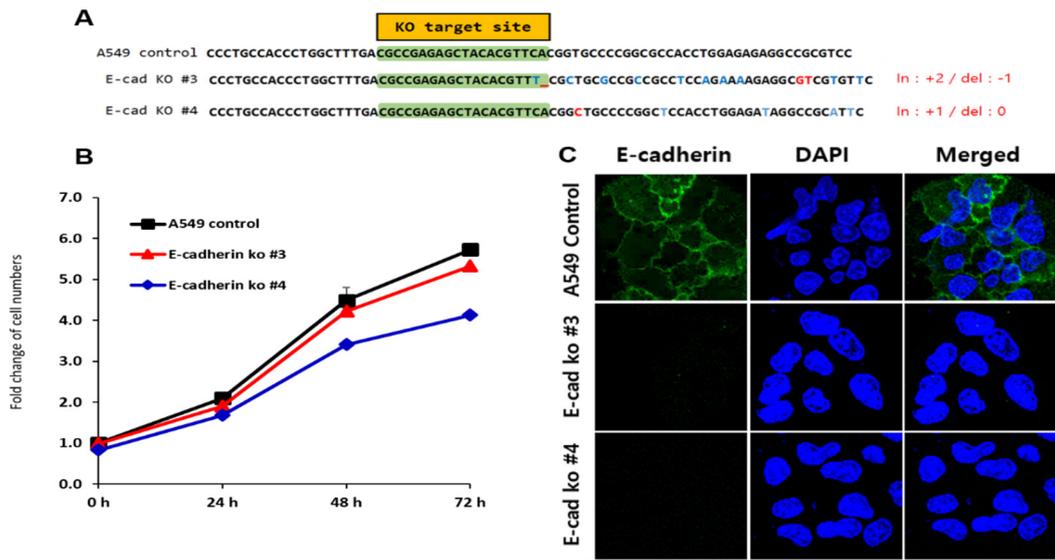


Figure S4. Preparation E-cadherin KO clones with CRISPR/cas-9 system. A. KO clones were established with RNA guidance for targeting exon2 of E-cadherin genes. Sequencing data shows several mutations at the target sequences. B. The cell growth rates were slightly slowed in KO clones compared to A549 cells. C. E-cadherin expression was also assessed after CBD-treated condition in E-cadherin KO clones compared to A549 cells.