Supplemental figure 1. (A) Effect of β-cryptoxanthin (CX, 10 µM) and RAR antagonist (LE540, 5 µM) co-treatment for 8 hours on UCP1 mRNA expression in C3H10T1/2 cells. (B) Effect of CX (10 µM) or β-carotene (CA, 10 µM) treatment for 8 hours on Ucp1 mRNA expression in C3H10T1/2 cells. Data represent the mean ± SEM (n=5~6). Different letters indicate significant difference (p < 0.05).
Supplemental figure 2. (A) Effect of β-cryptoxanthin (CX, 10 µM) or all-trans retinoic acid (atRA, 10 µM) treatment on atRA level in C3H10T1/2 cells. Data represent the mean ± SEM (n=3). Different letters indicate significant difference (p < 0.05). (B) Effect of CX treatment on metabolites in plasma (PLA) or white adipose tissue (WAT). Data represent the mean ± SEM (n=5~6). Statistical comparisons were made with the control group; *p < 0.05 was considered significant. n.d.; not detected.