Supplementary information (SI)

Figure S1. Generation of AMPK-α1 knockdown THP-1 cells. THP-1 cells were infected with lentiviral particles containing shRNA targeted human AMPK-α1 (sc-29673-V) or control lentiviral particles (sc-108080) according to the manufacturer’s protocol. Control THP-1 and AMPK-α1 knockdown THP-1 (AMPK-α1KD THP-1 cells were cultured in puromycin-containing medium (4 μg/ml) for 2 weeks to select stable clones, and maintained in RPMI medium containing 4 μg/ml puromycin, 10% FBS, 2 mM L-glutamine, 100 μl/ml of penicillin, 100 μg/ml streptomycin, and 5×10−5 M β-mercaptoethanol. Immuno-blot (IB) with antibody to anti-AMPK-α1 or anti-GAPDH was performed to evaluate the knockdown efficacy.