



Supplementary Figure S1 Effect of MPI-L on glucose uptake in L6 myotubes

(A) MPI-L significantly induced glucose uptake in a dose-dependent manner. (B) MPI-L was fractionated by anion exchange column chromatography. Fraction II at 1.0 and 2.0 mg/mL significantly increased glucose uptake in L6 myotubes. (C) Fraction II was further subjected to a gel filtration chromatography. Fraction II-I at 1.0 and 2.0 mg/mL significantly increased glucose uptake in L6 myotubes. (D) Fraction II-I was subsequently subjected to reverse phase high performance liquid chromatography. Fraction II-I-VI at 1.0 and 2.0 mg/mL increased glucose uptake. Data are presented as the means \pm SD (n=3). An asterisk indicates statistical significance from the control treatment ($p < 0.05$) by Dunnett's test.