## Figure S1

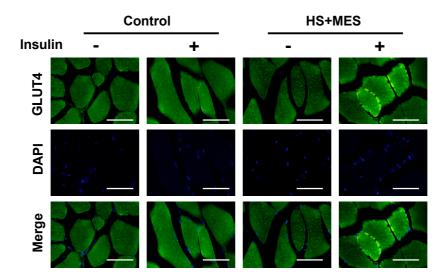


Figure S1. Skeletal muscle tissues, isolated at the 15<sup>th</sup> week after initiation of treatment from high fat-fed control or HS + MES-treated mice with or without 5 units of insulin stimulation through inferior vena cava, were dissected in frozen sections and stained with GLUT4 and DAPI in the same manner as described in Methods. The stained sections were visualized by fluorescent microscope. Scales bars, 100  $\mu$ m