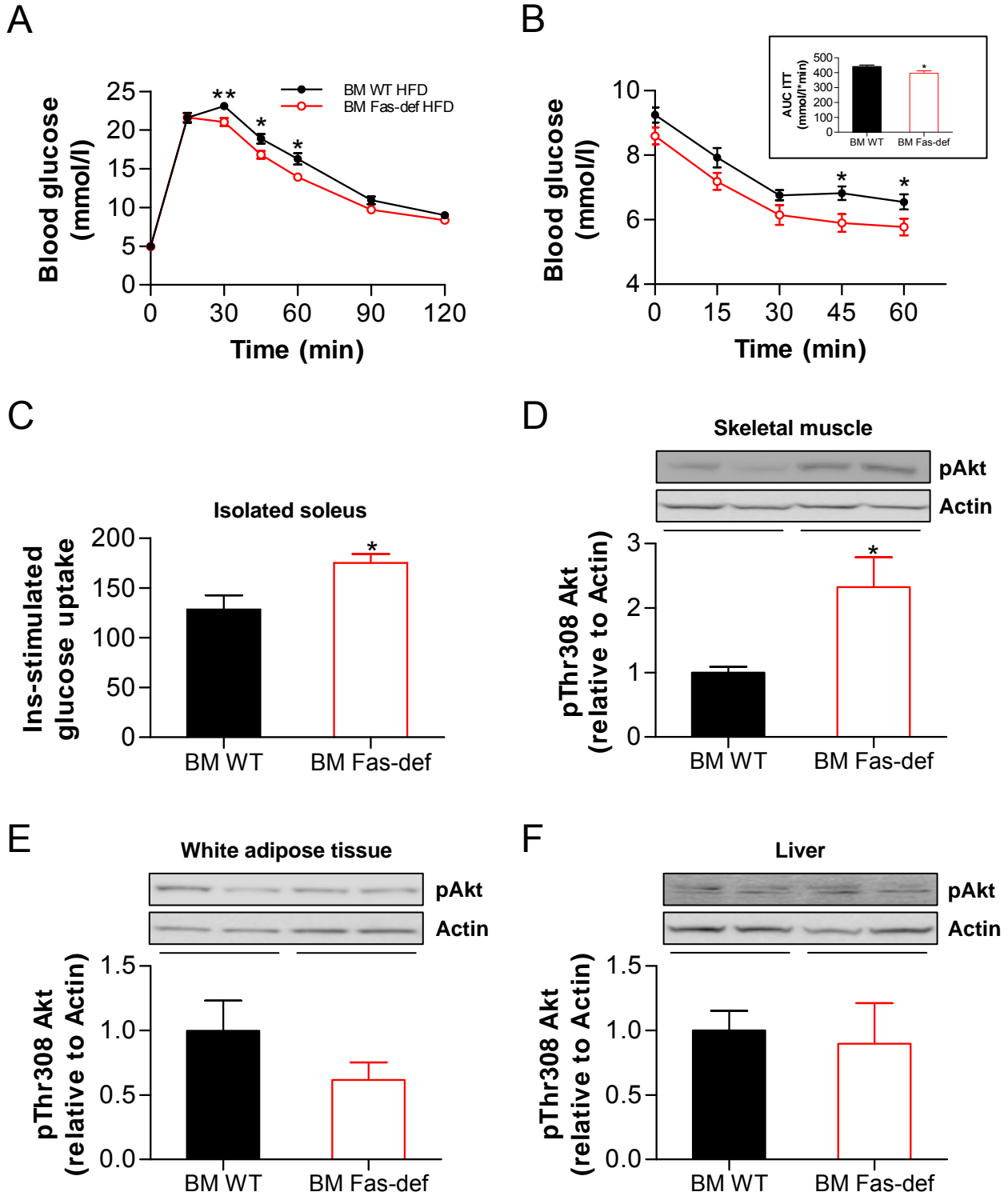


Supplemental Figure 15



Improved skeletal muscle insulin sensitivity in HFD-fed BM Fas-def compared to BM WT mice

(A) Intra-peritoneal glucose-tolerance test in HFD-fed BM WT and BM Fas-def mice. $n=11-12$, $*p = 0.017$ and 0.013 (after 45 min and 60 min, respectively), $**p = 0.005$ (Student's t -test). Error bars represent SEM. (B) Intra-peritoneal insulin-tolerance test. $n=9-12$. Inserted

graphs depict the respective analysis of the area under the curve. *p = 0.014, 0.040 and 0.021 (after 45 min, 60 min and for area under the curve, respectively) (Student's *t*-test). (C) Insulin-stimulated glucose uptake in isolated soleus muscle relative to basal uptake. n=4-5, *p = 0.036 (Student's *t*-test). (D to F) Representative Western blots of total lysates of BM WT and BM Fas-def mice. Graphs show results of 3-4 mice. *p = 0.022 (Student's *t*-test). All error bars represent SEM.