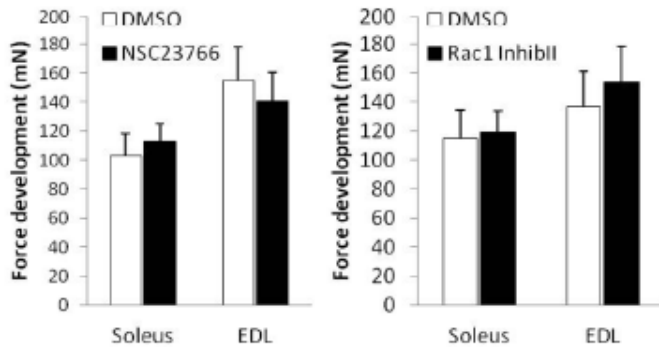


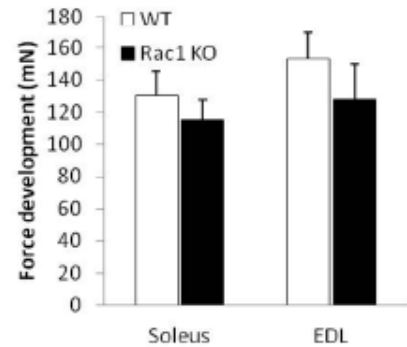
SUPPLEMENTARY DATA

Supplementary Figure 1. A) Bar graph showing mean S.E.M of initial force production (mN) in incubated electrically-stimulated soleus and EDL muscles +/- 200 μ M NSC 23766, 1 h pre-incubation (n=12) or +/- 10 μ M Rac1 Inhibitor II (Inhib II), 1 h pre-incubation (n=10). B) Bar graph showing mean S.E.M of initial force production (mN) in incubated electrically-stimulated soleus and EDL muscles of muscle specific inducible Rac1 knockout (KO) mice and WT controls (n=11-13). C) Bar graph showing mean S.E.M of initial force production (mN) in incubated electrically-stimulated soleus and EDL muscles EDL +/- 10 (n=9-19) or 1 (n= 6-12) μ M Latrunculin B, 1 h pre-incubation. Statistical significance between DMSO and Inhibitor condition is indicated by **/** (p<0.01/0.001).

A)



B)



C)

