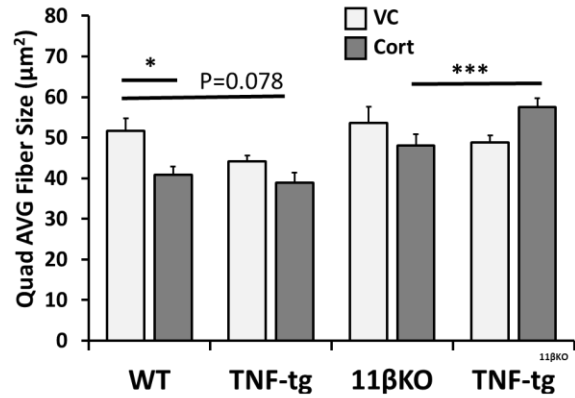


Supplementary Figure 1. Gene expression (AU) of human TNF α transgene expression determined by RT PCR in muscle homogenates from wild-type (WT), human TNF α transgenic (TNF-tg), 11 β -HSD1 global knock-out (11 β KO) and double mutant TNF-tg^{11 β KO} animals receiving either vehicle or corticosterone (100 μ g/mL) in the drinking water for 3 weeks. Values are expressed as mean \pm SE, n=6 per group. No statistically significant differences were detected for TNF-tg and TNF-tg^{11 β KO} groups using two-way analysis of variance with Tukey post hoc analysis. WT = Wild type, 11 β KO = 11 β -HSD1 genetic deletion, VC = Vehicle Control, Cort = Corticosterone, ND = Non-detectable.



Supplementary Figure 2: Average quadriceps muscle fibre cross sectional area (μ m²) in wild-type (WT), human TNF α transgenic (TNF-tg), 11 β -HSD1 global knock-out (11 β KO) and double mutant TNF-tg^{11 β KO} mice receiving either vehicle or corticosterone (100 μ g/mL) in the drinking water for 3 weeks. Values are expressed as mean \pm SE, n=6 per group. WT = Wild type, 11 β KO = 11 β -HSD1 genetic deletion, VC = Vehicle Control, Cort = Corticosterone.