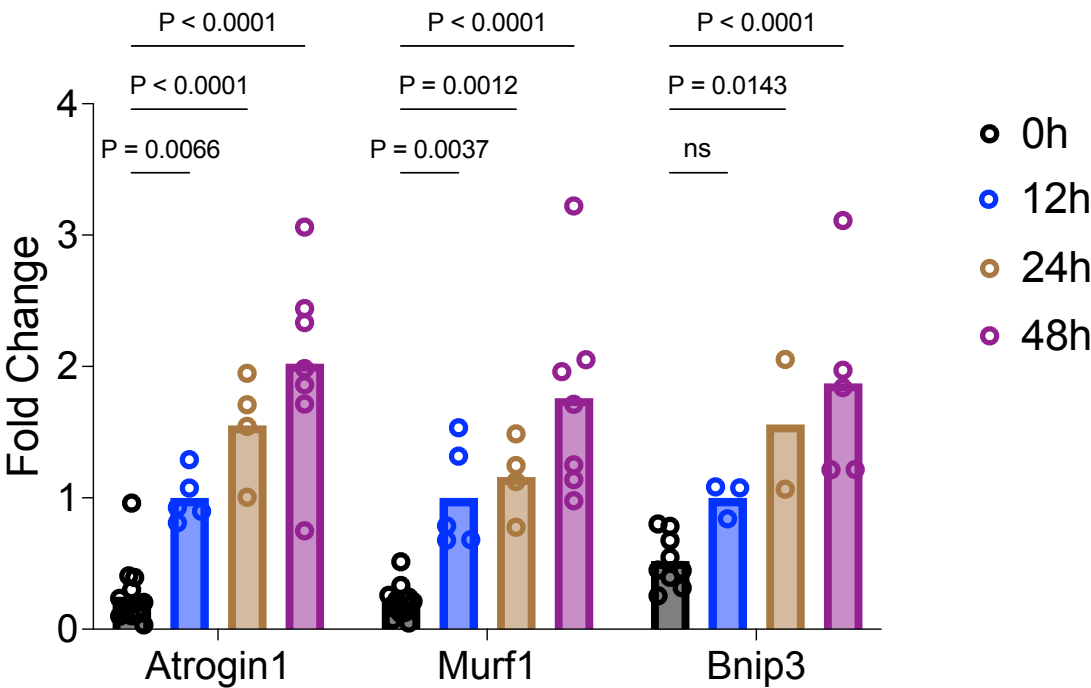


Supplemental Figure S3



Supplemental Figure S3. Expression profile of genes related to skeletal muscle degradation in TA muscle. Quantitative PCR analysis of intracellular ubiquitin ligases-muscle atrophy F-box (Atrogin1 / MAFbx), muscle RING finger 1 (Murf1), and the autophagy-related gene, Bcl-2 and 19-kDa interacting protein 3 (Bnip3). TA muscles were harvested after 0h (Atrogin1, n=14; Murf1, n=14; Bnip3 n=9), 12h (Atrogin1, n=5; Murf1, n=5; Bnip3, n=3), 24h (Atrogin1, n=4; Murf1, n=4; Bnip3 n=3), or 48h (Atrogin1, n=7; Murf1, n=7; Bnip3, n=5). TA: tibialis anterior muscle. Data expressed as mean; ns, not statistically significant. Analyzed using, one-way ANOVA and subsequent post-hoc Tukey tests.