

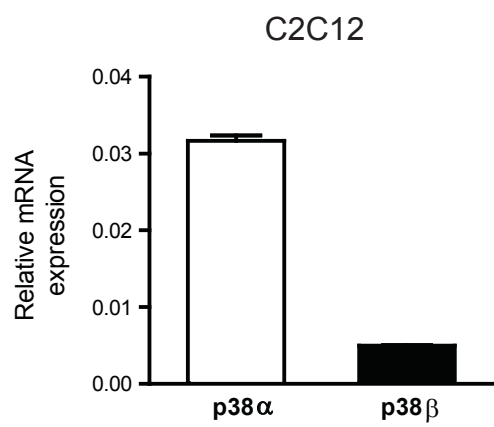


Figure S1

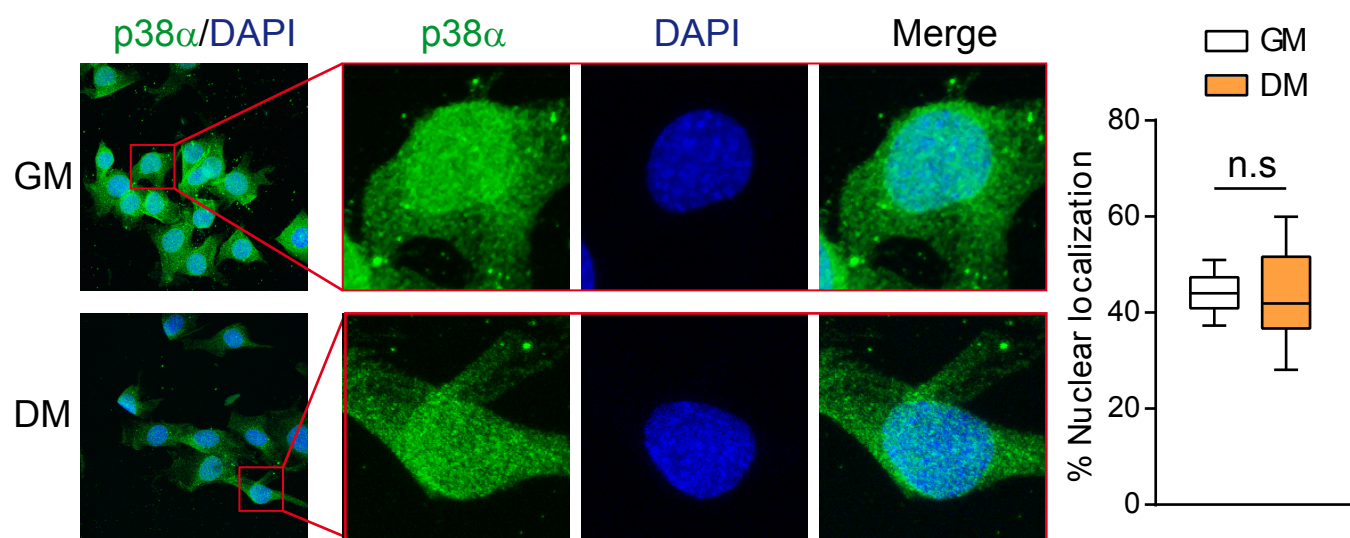


Figure S2

Supplementary Figure legends

Fig S1. Relative expression of p38 α and p38 β in C2C12 cells. The expression of p38 α and p38 β was measured by qPCR in differentiating C2C12 cells. Values are mean $\pm$ SEM of 3 independent set of samples.

Fig S2. Nuclear p38 α remains constant in proliferating and differentiating myoblasts. Expression of p38 α in C2C12 cells in GM and 24h in DM: p38 α (green) and DAPI (blue). Nuclear to cytoplasm fluorescence ratio was calculated using Integrated Density values in Image J software with DAPI as nuclear boundary. Scale Bar = 25 μ m.