



**Supplemental Figure 1. Muscle injured with cardiotoxin is hypoxic.**

Percentage of hypoxyprobe-positive CD45+ cells extracted from regenerating WT muscle after injection of cardiotoxin in the Tibialis Anterior muscle is quantified with flow cytometry and Hypoxyprobe. Results are represented as means  $\pm$  SEM. All experiments were performed using at least 3 animals. Significantly different from Day 2: \*\*  $P < 0.05$ .