Limited oxidative stress favors resistance to skeletal muscle atrophy in hibernating brown bears (*Ursus arctos*)

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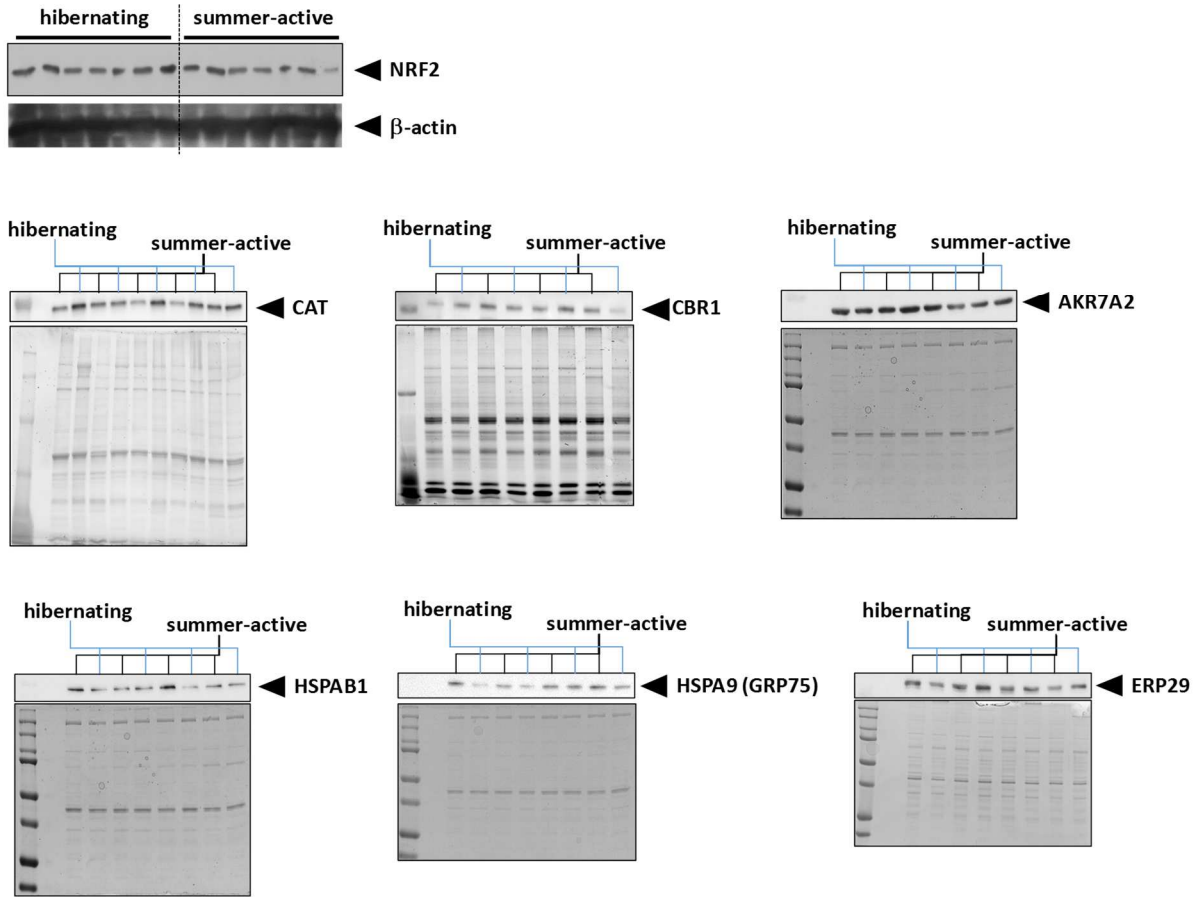

Supplementary Figure S1. Representative blots of bear skeletal muscle proteins. Shown are representative images that have been obtained through western-blot analysis of the levels of catalase (CAT), heat shock protein HSP 90-beta (HSPAB1) mitochondrial stress-70 protein (HSPA9 or GRP75), nuclear factor E2-related factor 2 (NRF2 or NFE2L2), aflatoxin B1 aldehyde reductase member 2 (AKR7A2), carbonyl reductase (CBR1), and endoplasmic reticulum resident protein 29 (ERP29) in bear vastus lateralis muscles (N = 12/ group, except from NRF2: N = 7/ season). Corresponding quantifications can be seen in Figures 3 and 5.