

Supplementary Material

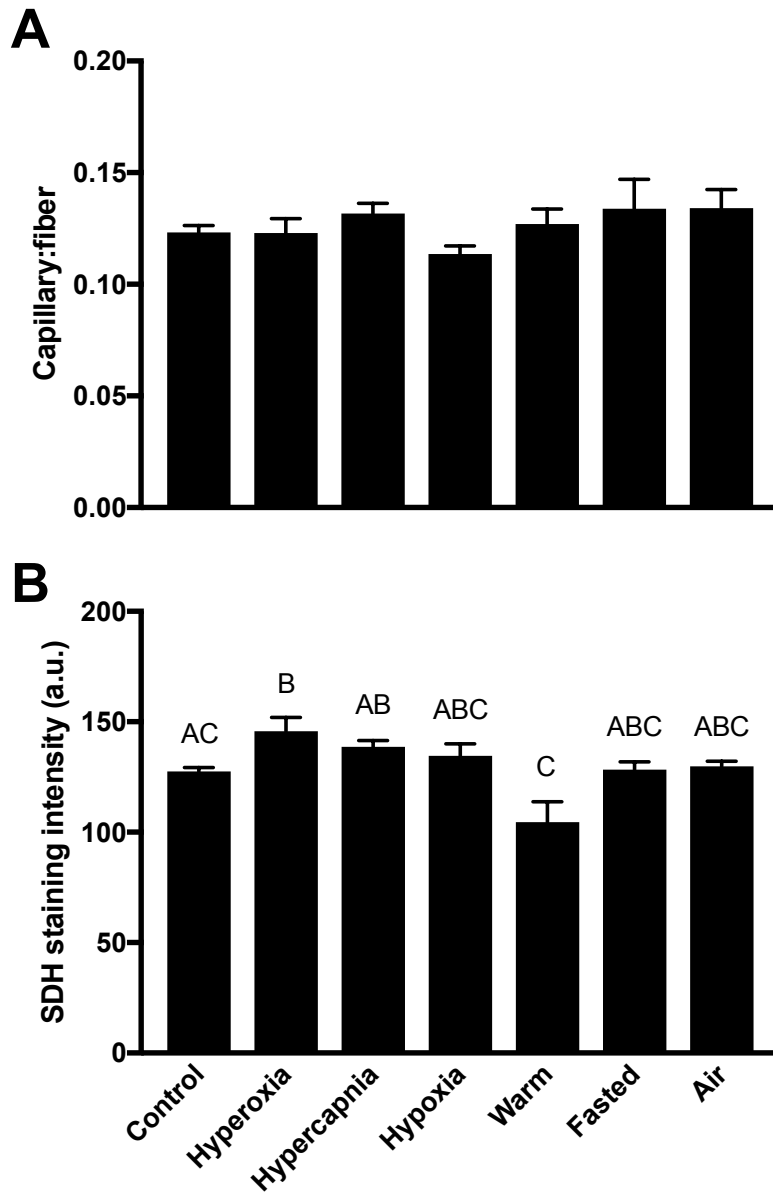


Figure S1. Characteristics of *K. marmoratus* oxidative skeletal muscle at the lateral line. Fish were acclimated to control (n=30), air (n=9), fasted (n=8), hypercapnic (n=8), warm (n=8), hypoxic (n=7) or hyperoxic (n=10) conditions for 28 days. (A) Capillary: oxidative fiber ratio. (B) Succinate dehydrogenase (SDH) staining intensity (arbitrary units; a.u.). Means \pm s.e.m. Letters denote significance detected between treatments ($P < 0.05$).

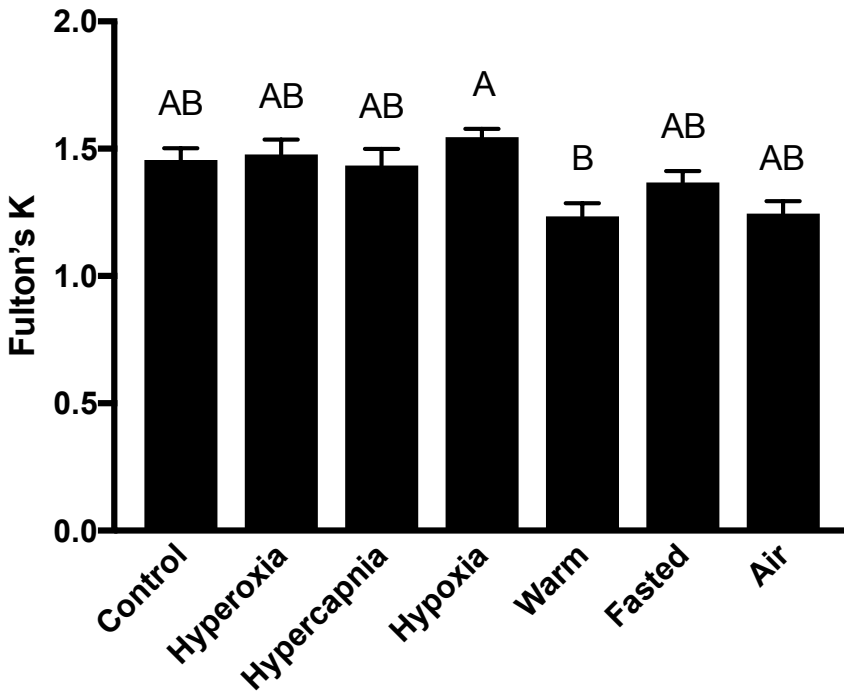


Figure S2. Fulton's K of *K. marmoratus* acclimated to control (n=30), air (n=9), fasted (n=8), hypercapnic (n=8), warm (n=8), hypoxic (n=7) or hyperoxic (n=10) conditions for 28 days. Letters denote significance detected between treatments ($P < 0.05$).