

Supplementary Material

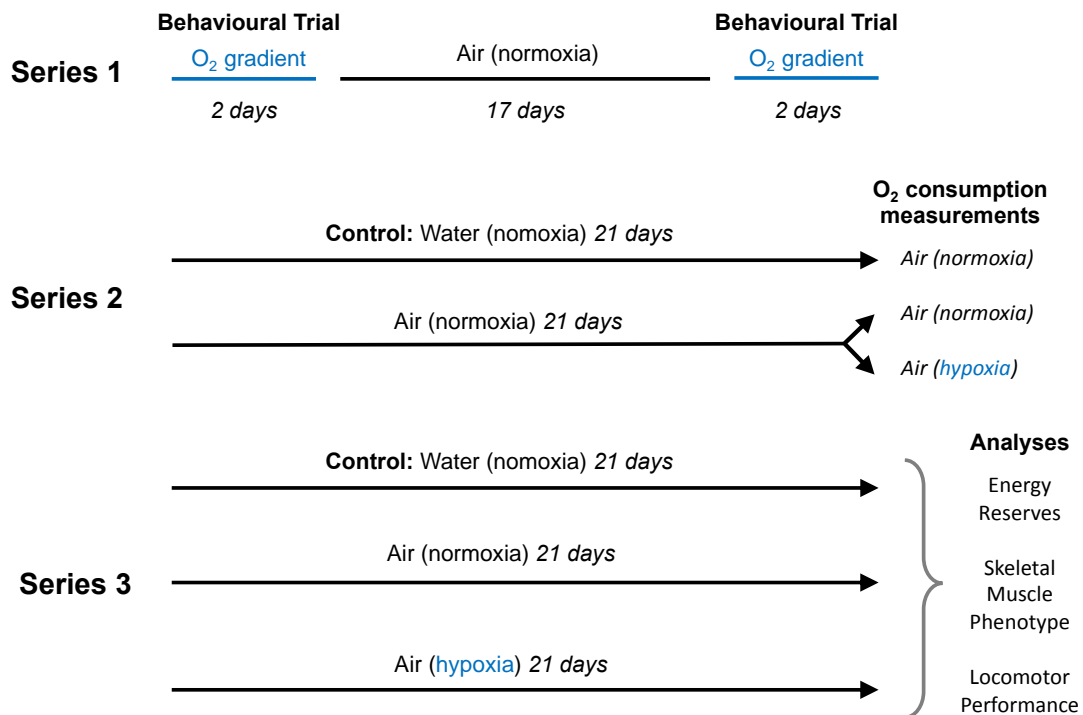


Figure S1: Schematic representation of the timeline for each series of experiment.

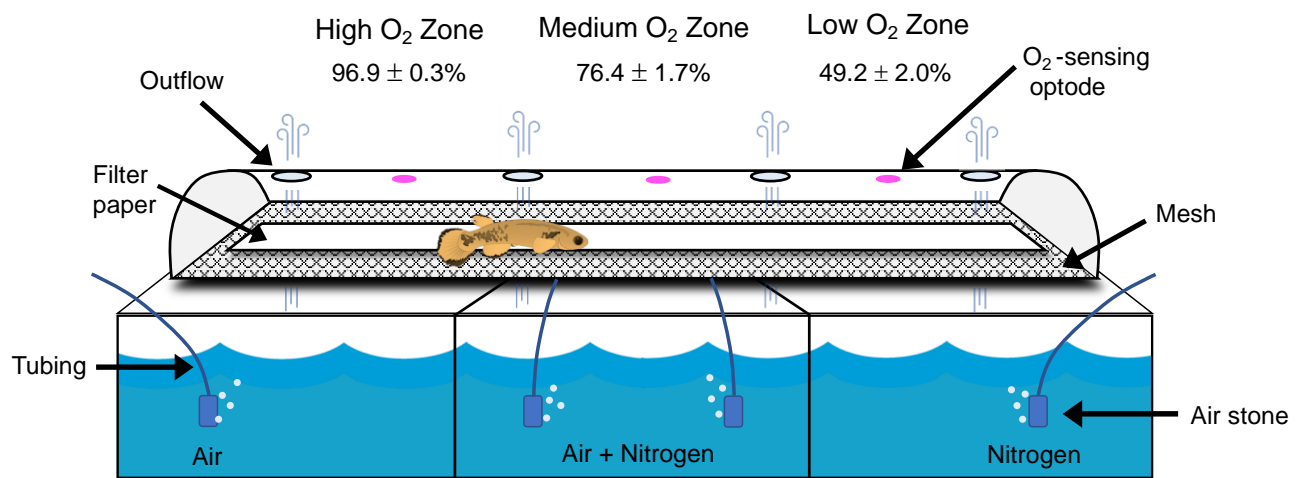


Figure S2: Schematic representation of a custom-built experimental choice chamber resting over 3 buckets of water. The pO₂ within the high O₂ zone (left), medium O₂ zone (centre), and low O₂ zone (right) was determined using O₂-sensing optodes (Loligo Systems WITROX 4, Tjele, Denmark).

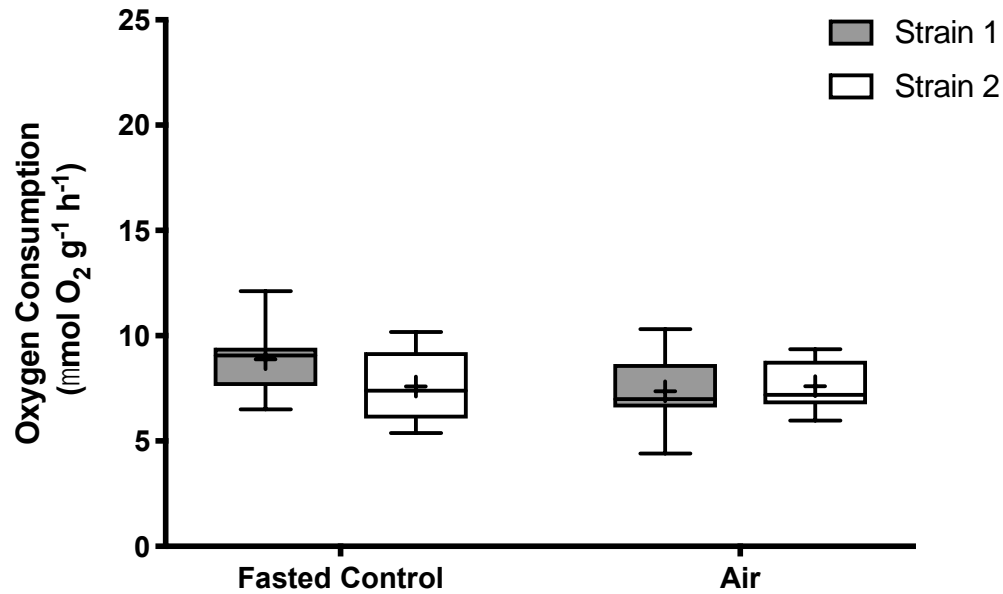


Figure S3: The mass-specific rate of O₂ consumption in water-acclimated *K. marmoratus* that were fasted for 21 days (Strain 1, n=9; Strain 2, n=8) and air-acclimated fish in aerial normoxia (Strain 1, n=8; Strain 2, n=8). There is no significant difference between means. Means are shown as crosses within the box.