



Fig. S1. Ventilatory (A) frequency, (B) amplitude and (C) total gill ventilation responses of *Kryptolebias marmoratus* acclimated for 7 days to air (squares, $N=8$) or low ion water (circles, $N=8$). Open symbols denote a significant difference from initial normoxic (100% oxygen saturation) values ($P<0.05$). *Significant difference from the control group at a given oxygen saturation ($P<0.05$). Values are means \pm s.e.m.