



Figure S11. Deer mice with different *Epas1* genotypes exhibited similar ventilatory responses to increasingly severe levels of acute hypoxia. Ventilation was quantified via A) total ventilation, B) arterial oxygen saturation, C) breathing frequency, and D) tidal volume. Sample sizes: $n=26$ $Epas1^{H/H}$, $n=13$ $Epas1^{H/L}$, and $n=4$ $Epas1^{L/L}$ variants.