



Figure S7. (related to Figures 5 and 6). (A) Average time to pupation of larvae, either *spok* > + or *spok* > *Raf*^{GOF}, reared in either normal oxygen conditions throughout development ('N') or shifted to 5% O₂ at 120 h AEL ('H'). n (# of vials of 30 larvae) ≥ 3 per condition. (B) Representative images of animals, either *phm* > + or *phm* > *Egfr-RNAi*, reared in normoxia throughout development or shifted to 5% O₂ at 120 h AEL and imaged at the indicated larval age. In both treatments, *phm* > *Egfr-RNAi* arrests development prior to pupation. Scale bar = 1 mm. (C, D) Average time to pupation of larvae expressing RNAi against receptor tyrosine kinases *Alk* (C) or *Pvr* (D) under the control of *P0206-GAL4* reared in normal oxygen conditions. n (# of vials of 30 larvae) ≥ 3 per condition. (E, F) Relative mRNA levels of *Pvr* ligands *Pvf2* and *Pvf3* (E) and *Egf* ligand *vein* (F), from whole-larvae qRT-PCR of larvae reared in ambient oxygen, 5% O₂ from 24 h AEL or 5% O₂ from 120 h AEL. n (# of independent samples) ≥ 3 per condition. Bars represent mean ± SEM with individual data points plotted as symbols. * denotes p < 0.05; ns denotes not significant.