**Figure S4.** Metamorphosis defects in CycY null mutants. Genotypes shown include CycY<sup>E8</sup>/Df(2L)Exel6030; P( CycY) (A-F) and CycY<sup>E8</sup>/Df(2L)Exel6030 (G-L). Representative early pupae (A-C, G-I), pharate adults (D, J), dissected legs (E, K), or adults (F, L) are shown. For early pupae, the first, second, and third columns present the ventral, dorsal, and lateral views, respectively. Defects are indicated by colored arrows. The CycY<sup>E8</sup>/Df(2L)Exel6030 transheterozygous mutant early pupae (G-I) show defects of leg elongation (red), head eversion (blue), gas bubble translocation (green), and adult tissue growth (purple). CycY<sup>E8</sup>/Df(2L)Exel6030 transheterozygous mutant pharate adults have an obvious bent leg phenotype (J, yellow arrow), but the dorsal view is indistinguishable from the control (data not shown). CycY<sup>E8</sup>/Df(2L)Exel6030 transheterozygous mutant adult escapers die soon after eclosion, some of which also have malformed legs (K, yellow arrow). Some were arrested during eclosion (L).