



S1 Fig. Optical microscopy of the fat body of *B. terrestris* queens, pharate (A), callow (B), before hibernation (C), after hibernation (D), egg-laying (E) and senescent (F). Scale bar represents 200 μm . Abbreviations: a, adipocyte; c, cuticle; e, oenocyte; m, muscle; t, trachea.