



SUPPORTING FIGURE S1. **Effect of amino acid 103 on BicD localization.** Immunostainings of ovaries from indicated BicD mutant females stained with anti-BicD antibodies (red). DNA was visualized with Hoechst (blue), and actin filaments were stained with FITC-phalloidine (green). The intensity of BicD accumulation in the oocyte is dependent of the amino acid 103. Maximum projections of z-stacks are shown. Panels E-H: for clarity reasons, individual panels are composed of different optical sections.