



Figure S1 F1 screen for deficiencies that dominantly enhance *endos*⁰⁰⁰⁰³/+ leading to female sterility or lethality. Males carrying a balanced deficiency (*Df*) were mated to *endos*⁰⁰⁰⁰³ heterozygous (*endos*⁰⁰⁰⁰³/*TM3, Sb*¹) virgin females. The genetic interaction was considered lethal if progeny consisted exclusively of flies carrying balancer chromosomes. If adult balancer-free progeny were present, *endos*⁰⁰⁰⁰³/*Df* or *Df*/+; *endos*⁰⁰⁰⁰³/+ females were tested for their fertility by mating to wild-type males. If these females produced reduced or absent progeny, further analyses were conducted to test for meiotic maturation or early embryonic mitosis defects.