

Additional file 6 Number of heterozygous pupae in the rescue experiments of *DmManf*⁴⁹⁶ mutant lethality by abolishment of *debcl*.

Genotype	Type of <i>debcl</i> allele	Number of balanced pupae
<i>debcl</i> ^{W105} /CyO; <i>DmManf</i> ⁴⁹⁶ /TM6 Tb Sb	dominant negative	195
<i>debcl</i> ^{E26} /CyO; <i>DmManf</i> ⁴⁹⁶ /TM6 Tb Sb	loss of function	297
<i>debcl</i> -RNAi; <i>DmManf</i> ⁴⁹⁶ /SM6-TM6 (x) <i>da</i> -GAL4 <i>DmManf</i> ⁴⁹⁶ /TM6 Tb Sb	knockdown	135

Progeny of each genotype indicated was analysed. Tb⁺ and Tb⁻ pupae were counted. No homozygous *DmManf*⁴⁹⁶ mutant pupae (Tb⁺) were found in any of the rescue experiments listed here. Number of vials analysed = 2.