

Table S1 . Statistical significance (p) of comparisons between the mean number of ovarioles in heterozygous combinations of *psq*, *Trl* and *batman* alleles and that of wild type control flies.

For experimental series corresponding to genotypes shown in Figure 1, p-value (p) was calculated using Student's t-test between samples of appropriate genotypes (line/column in S1A-S1D). ΔON (in %, S1A', B', D') was calculated relative to Canton-S. p-values below 5% appear in red, p-values above 5% appear in green.

Table S1A : p-values (p)

	Canton-S	<i>psq</i> ^{0115/+}	<i>psq</i> ^{Δ18/+}
<i>psq</i> ^{0115/+}	1,1E-09	-	-
<i>psq</i> ^{Δ18/+}	7,1E-03	-	-
<i>psq</i> ^{0115/psq} ^{Δ18}	1,6E-12	5,4E-02	4,0E-07

Table S1A' : ΔON (%)

	Canton-S
<i>psq</i> ^{Δ18/+}	7.3
<i>psq</i> ^{0115/+}	19.0
<i>psq</i> ^{0115/psq} ^{Δ18}	24.1

Table S1B : p-values (p)

	<i>batman</i> ^{(2)K02512/+}	<i>batman</i> ^{(2)K07907/+}	<i>batman</i> ^{(2)K02512 / batman} ^{(2)K07907}	<i>p10 batman</i> ^{(2)K02512 / +}	<i>p10 batman</i> ^{(2)K02512 / /batman} ^{(2)K07907}
Canton-S	2.2E-10	1.1E-05	2.8E-12	8.2E-03	3.7E-10
<i>batman</i> ^{(2)K02512/+}	-	-	9.9E-04	6.8E-08	1.7E-01
<i>batman</i> ^{(2)K07907/+}	-	-	3.8E-05	-	1.1E-02
<i>batman</i> ^{(2)K02512 / batman} ^{(2)K07907}	9.9E-04	3.8E-05	-	-	5.8E-02

Table S1B' : ΔON (%)

	Canton-S
<i>batman</i> ^{(2)K02512/+}	19.0
<i>batman</i> ^{(2)K07907/+}	14.1
<i>batman</i> ^{(2)K02512 / batman} ^{(2)K07907}	30.7
<i>p10 batman</i> ^{(2)K02512 / +}	5.9
<i>p10 batman</i> ^{(2)K02512 / batman} ^{(2)K07907}	23.4

Table S1C : p-values (p)

	<i>psq</i> ^{0115/+}	<i>batman</i> ^{(2)K02512/+}	<i>Trl</i> ^{81/+}
<i>batman</i> ^{(2)K02512 / psq} ⁰¹¹⁵	2,0E-10	1,1E-11	-
<i>batman</i> ^{(2)K02512/+ ; Trl} ^{81/+}	-	4,3E-01	5,8E-03

Table S1D : p-values (p)

	Canton-S	<i>psq</i> ^{0115/+}	<i>Trl</i> ^{81.1/+}	<i>batman</i> ^{(2)K02512/+}	<i>psq</i> ^{0115/+ ; Trl} ^{81.1/+}	<i>batman</i> ^{(2)K02512/+ ; Trl} ^{81.1/+}
<i>psq</i> ^{0115/+}	1.3E-02	-	-	-	-	-
<i>Trl</i> ^{81.1/+}	5.0E-07	-	-	-	-	-
<i>batman</i> ^{(2)K02512/+}	3.1E-03	-	-	-	-	-
<i>psq</i> ^{0115/+ ; Trl} ^{81.1/+}	1.3E-10	8.5E-04	2.1E-05	-	-	-
<i>batman</i> ^{(2)K02512/+ ; Trl} ^{81.1/+}	3.9E-04	-	2.8E-01	2.1E-01	-	-
<i>batman</i> ^{(2)K02512/psq} ^{0115 ; Trl} ^{81.1/+}	4.7E-11	-	-	-	3.1E-01	8.0E-04

Table S1D' : ΔON (%)

	Canton-S
<i>psq</i> ^{0115/+}	11.1
<i>Trl</i> ^{81.1/+}	19.0
<i>batman</i> ^{(2)K02512/+}	10.6
<i>psq</i> ^{0115/+ ; Trl} ^{81.1/+}	31.7
<i>batman</i> ^{(2)K02512/+ ; Trl} ^{81.1/+}	14.8
<i>batman</i> ^{(2)K02512/psq} ^{0115 ; Trl} ^{81.1/+}	28