

**Supplementary Table 4** Results of the tests for statistical significance of *Minos* gene disruption crosses.

<i>Gene</i>	BDSC <sup>1</sup> stock number and allele	Minos location within gene	Difference between means of <i>Minos</i> strain and <i>w<sup>1118</sup></i> control	Simultaneous 95% confidence limits <sup>2</sup>	
<i>Camta</i>	24606, <a href="#">Camta<sup>MB05101</sup></a>	exon (coding)	40.186	20.323	60.050 ***
<i>bru3</i>	29215, <a href="#">bru3<sup>MB11495</sup></a>	intron	30.939	11.075	50.802 ***
<i>tey</i>	24067, <a href="#">tey<sup>MB03446</sup></a>	intron	30.446	10.583	50.310 ***
<i>bru3</i>	24666, <a href="#">bru3<sup>MB04010</sup></a>	intron	30.103	10.240	49.967 ***
<i>bru1</i>	25234, <a href="#">bru1<sup>MB05908</sup></a>	intron	29.862	9.998	49.725 ***
<i>mas</i>	29267, <a href="#">mas<sup>MB11963</sup></a>	exon (coding)	26.283	6.420	46.147 ***
<i>Src64B</i>	24071, <a href="#">Src64B<sup>MB03494</sup></a>	intron	21.875	2.012	41.739 ***
<i>zormin</i>	23490, <a href="#">zormin<sup>MB02779</sup></a>	intron	21.417	1.553	41.280 ***
<i>mtgo</i>	25307, <a href="#">mtgo<sup>MB05860</sup></a>	intron	20.292	0.429	40.156 ***
<i>CG32982</i>	NA <sup>3</sup> , <a href="#">CG32982<sup>MB02847</sup></a>	intron	16.442	-3.421	36.306
<i>bab1</i>	23859, <a href="#">bab1<sup>MB01972</sup></a>	exon (3'UTR)	14.350	-5.513	34.214
<i>Lmpt</i>	27795, <a href="#">Lmpt<sup>MB09664</sup></a>	intron	11.841	-8.023	31.704
<i>CG32333</i>	29190, <a href="#">CG32333<sup>MB11273</sup></a>	intron	11.674	-8.190	31.538
<i>app</i>	25532, <a href="#">app<sup>MB06918</sup></a>	Exon (3'UTR) for J and K transcripts. Intron for other transcripts	10.716	-9.148	30.580
<i>Cpr66D</i>	23423, <a href="#">Cpr66D<sup>MB02183</sup></a>	intron	9.014	-10.849	28.878
<i>dpr6</i>	24673, <a href="#">dpr6<sup>MB04096</sup></a>	intron	8.103	-11.760	27.967

<i>Asph</i>	29278, <a href="#">Asph<sup>MB12115</sup></a>	Exon (coding)	5.157	-14.706	25.021
<i>app</i>	24066, <a href="#">app<sup>MB03425</sup></a>	intron	0.133	-19.730	19.997
<i>CG15096</i>	24557, <a href="#">CG15096<sup>MB03994</sup></a>	intron	-6.255	-26.118	13.609
<i>fru</i>	24442, <a href="#">fru<sup>MB02472</sup></a>	Exon (3'UTR) for some transcripts, intron for others	-8.316	-28.179	11.548
<i>Hs6st</i>	25513, <a href="#">Hs6st<sup>MB06545</sup></a>	intron	-14.986	-34.849	4.878

<sup>1</sup>BDSC=Bloomington Drosophila Stock Center

<sup>2</sup>Comparisons significant at the 0.05 level are indicated by \*\*\*

<sup>3</sup>NA, not applicable as the stock is no longer available from BDSC.