

**Table S6. Amplicons used to confirm the molecular organization of the genomic regions corresponding to the breakpoints of the inversion *In(2R)51F11-56E2***

<b>Amplicon</b> <sup>a</sup>	<b>Primers</b>	<b>Size (nt)</b>	<b>Purpose</b>
A <sup>b</sup>	CB-0236-3up / CB-0236-3down	~700	Verification of flanking sequence at the outer breakpoint in strains <i>w<sup>1118</sup></i> and 5-HA-1995
B <sup>b</sup>	5-HA-1995up / 5-HA-1995down	~600	Verification of flanking sequence at the inner breakpoint in strains <i>w<sup>1118</sup></i> and CB-0236-3
C <sup>b</sup>	CB-0236-3up / Plac1	~600	Verification of upstream flanking sequence to <i>P{RS3}CB-0236-3</i> and its derivatives
D <sup>b</sup>	Pry4 / CB-0236-3down	~500	Verification of downstream flanking sequence to <i>P{RS3}CB-0236-3</i> and its derivatives
E <sup>b</sup>	5-HA-1995up / Plac1	~600	Verification of upstream flanking sequence to <i>P{RS5}5-HA-1995</i> and its derivatives
F <sup>b</sup>	Pry4 / 5-HA-1995down	~300	Verification of downstream flanking sequence to <i>P{RS5}5-HA-1995</i> and its derivatives
G <sup>c</sup>	CB-0236-3up / w11678U	~3,400	Diagnostic presence of a reporter gene mini- <i>white</i> with two exons at the outer breakpoint in strains CB-0236-3 and REC
G' <sup>c</sup>	CB-0236-3up / w11678U	~2,100	Diagnostic presence of a reporter gene mini- <i>white</i> with one exon in strains SIM and REV
H <sup>c</sup>	w11678U / 5-HA-1995down	~2,600	Diagnostic presence of a reporter gene mini- <i>white</i> with two exons at the inner breakpoint in strains 5-HA-1995, REC, and INV

<sup>a</sup>Figure S5 for physical location. <sup>b</sup> Amplified with Takara Taq. <sup>c</sup> Amplified with Takara Ex Taq.