

Table S2 Rescue of gt^{X11} by the gt^{YFP} transgene

Genotype [†]	Sex	<i>gt</i> copies	Number of enclosed adults
$gt^{X11}/+;gt^{YFP}/+$	FEMALE	1 endogenous + 1 transgene	623
$FM7c/+;gt^{YFP}/+$	FEMALE	2 endogenous + 1 transgene	535
$FM7c/Y;gt^{YFP}/+$	MALE	1 endogenous + 1 transgene	352
$gt^{X11}/Y;gt^{YFP}/+$ ^{††}	MALE	0 endogenous + 1 transgene	261

[†] Offspring of a cross between 8 $gt^{X11}/FM7c$ females and 8 gt^{YFP} males at 25°, scored as described previously (Ludwig et al., 2011).

^{††} The rescue potency of gt^{YFP} is estimated to be ~40% as the ratio between the number of adults of the $gt^{X11}/Y;gt^{YFP}/+$ and $gt^{X11}/+;gt^{YFP}/+$ genotypes. The rescued males were healthy and fertile.