



Figure S5 Visualization of *Hosim1* insertion sites by *in situ* hybridization on polytene chromosomes. (A) Two autosomal pericentromeric sites are visible in $(X^{ST8})_{ST8}$ males (3L and 2L arms). (B) In $(X^{SR6})_{ST8}$ males, an additional signal is visible on the X^{SR6} chromosome. It co-localizes with the supplementary band induced by the duplication (see Figure 2 in Montchamp-Moreau *et al.*, 2006). C. Focus on the X^{SR6} specific insertion site.