

Fig. S2. PcG stainings of the locus of transgene insertion in the Midi1.1 line and in w^{1118} control larvae:

Immunostainings of polytene chromosomes were performed on both lines using anti-Polyhomeotic (PH), anti-Polycomb (PC) or anti-Pleiohomeotic (PHO) antibodies. Left panels: in w^{1118} chromosomes, no signal is seen for any of the three proteins at the insertion site (indicated by an arrow). Right panels: an additional signal is detected for PH, PC or PHO proteins at the site of insertion of the transgene in the Midi1.1 line. The insertion site of the *Midi-Fab* transgene was mapped at 7D2 by standard PCR rescue techniques.

The *Midi-Fab* construct is able to recruit PH, PC and PHO proteins

