**UAS-eyg-en**  
**UAS-eyg-VP16**  
**UAS-eyg554**  
**UAS-eyg-VP16**

**dpp-GAL4**

**D**  

**E**

**eyg-lacZ**
Supplementary Figure 3

Eyg functions as a repressor

(A) dpp>eyg-en induced, at low frequency, small red spots ventral to the eye (arrow). (B) dpp>eyg-VP16 caused eye reduction. (C) dpp>eyg554+eyg-VP16 could rescue the eye reduction caused by dpp>eyg-VP16. (D) The gfp reporter controlled by two copies of the ey enhancer was expressed uniformly behind the MF in the eye disc. (E) When three copies of the consensus binding site for Eyg PD were added, the GFP reporter (green) expression was suppressed in the eyg expression domain (visualized by eyg-lacZ: blue). Arrows in D and E indicated MF.