



Figure S1- RT reaction for *Fancm* transgenic flies- RT PCR was performed as described in material and methods from whole fly genomic preps. RT was either added (+) or omitted (-), to determine if the presence of a band was the result of genomic contamination. Genotypes represented here are Wildtype (wt) from *yw*¹¹¹⁸; *Fancm*⁰⁶⁹³/*Fancm*^{del} (null); *Fancm*⁰⁶⁹³/*Fancm*^{del} *Sb w*⁺*Fancm*^{FL} (FL); *Fancm*⁰⁶⁹³/*Fancm*^{del} *Sb w*⁺*Fancm*^{FLKM}; *Fancm*⁰⁶⁹³/*Fancm*^{del} *Sb w*⁺*Fancm*^{tr} (tr); *Fancm*⁰⁶⁹³/*Fancm*^{del} *Sb w*⁺*Fancm*^{trKM} (tr^{KM});