

WANG ET AL 2014: SUPPLEMENTARY INFORMATION

Figure S1. Ectopic expression of *CtrlA* or *CtrlB* fails to rescue the hypo-pigmentation caused by knockdown of *vhaPPA1-2* or *bib*. All flies have *Pnr-Gal4*. kd = knockdown, oe = over-expression. A) *Pnr-Gal4>UAS-vhaPPA1-2^{RNAi}; UAS-CtrlA^{flag}* fly with mild hypo-pigmentation still seen in the thorax and abdomen. B) *Pnr-Gal4>UAS-bib^{RNAi}; UAS-CtrlA^{flag}* fly with moderate hypo-pigmentation still seen in the thorax and abdomen. C) *Pnr-Gal4>UAS-vhaPPA1-2^{RNAi}; UAS-CtrlB^{flag}* fly with stripes of mild hypo-pigmentation still seen on the shoulders. D) *Pnr-Gal4>UAS-bib^{RNAi}; UAS-CtrlB^{flag}* fly with moderate hypo-pigmentation still seen in the thorax and abdomen. Scale bar = 200 μm