

Supplementary File 11: Scale measurements support homeosis of mutant scales to Type I scales.

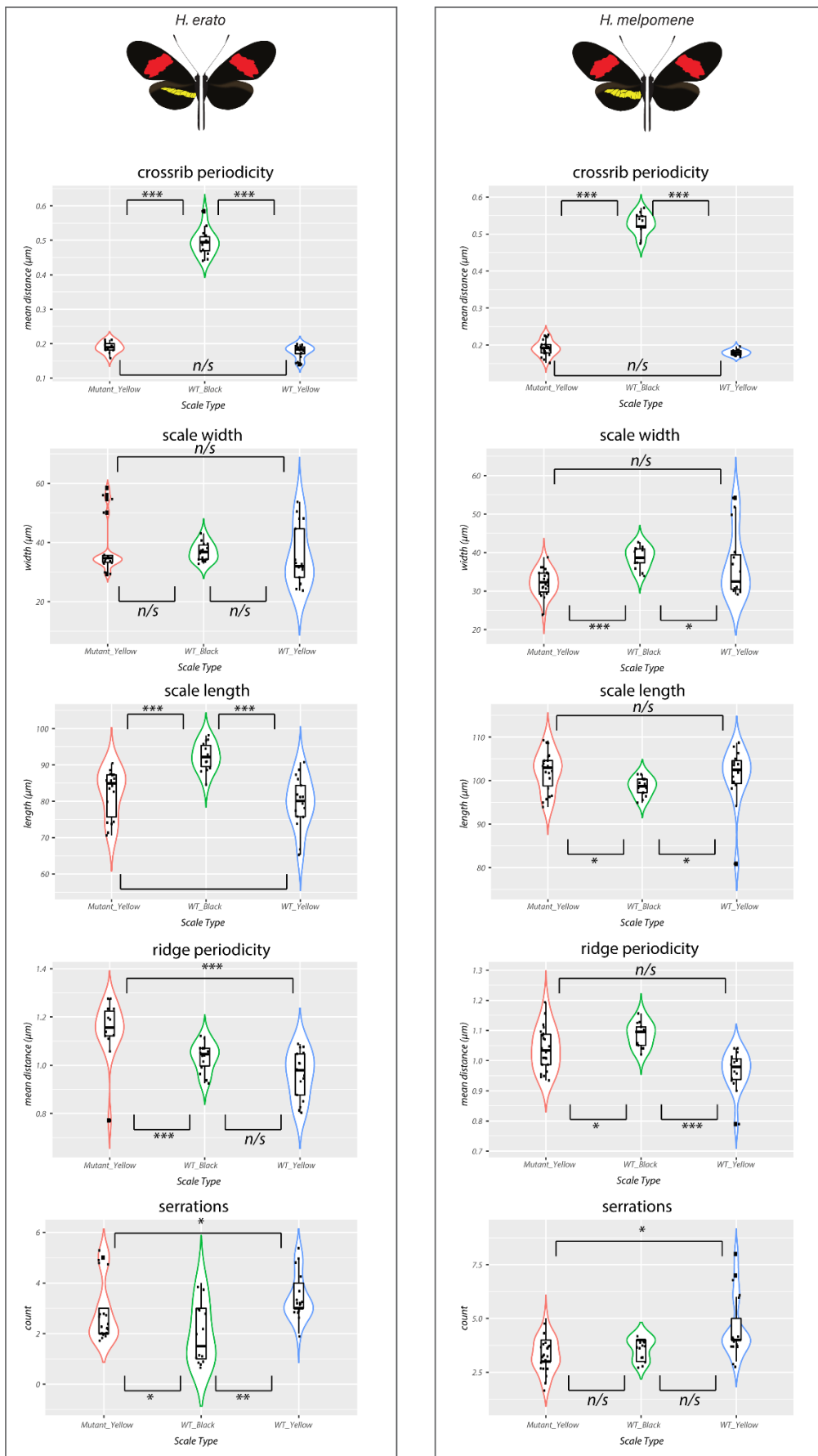


Figure S11: Nano-morphometric measures for *H. erato* and *H. melpomene* between wild-type and cortex mKO scales. Crossrib periodicity (measured as average distance between cross-ribs), is consistent with homeosis in both *H. melpomene* and *H. erato*. Total scale width suggests homeosis only in *H. melpomene*, while scale length was only significant in *H. erato*. Ridge periodicity was significantly different across all scale types in *H. erato*, while consistent with homeosis in *H. melpomene*. Serration count was not consistent with homeosis in either species.