

Supplementary File 9: Broad effects of *cortex* across *Heliconius* wings.

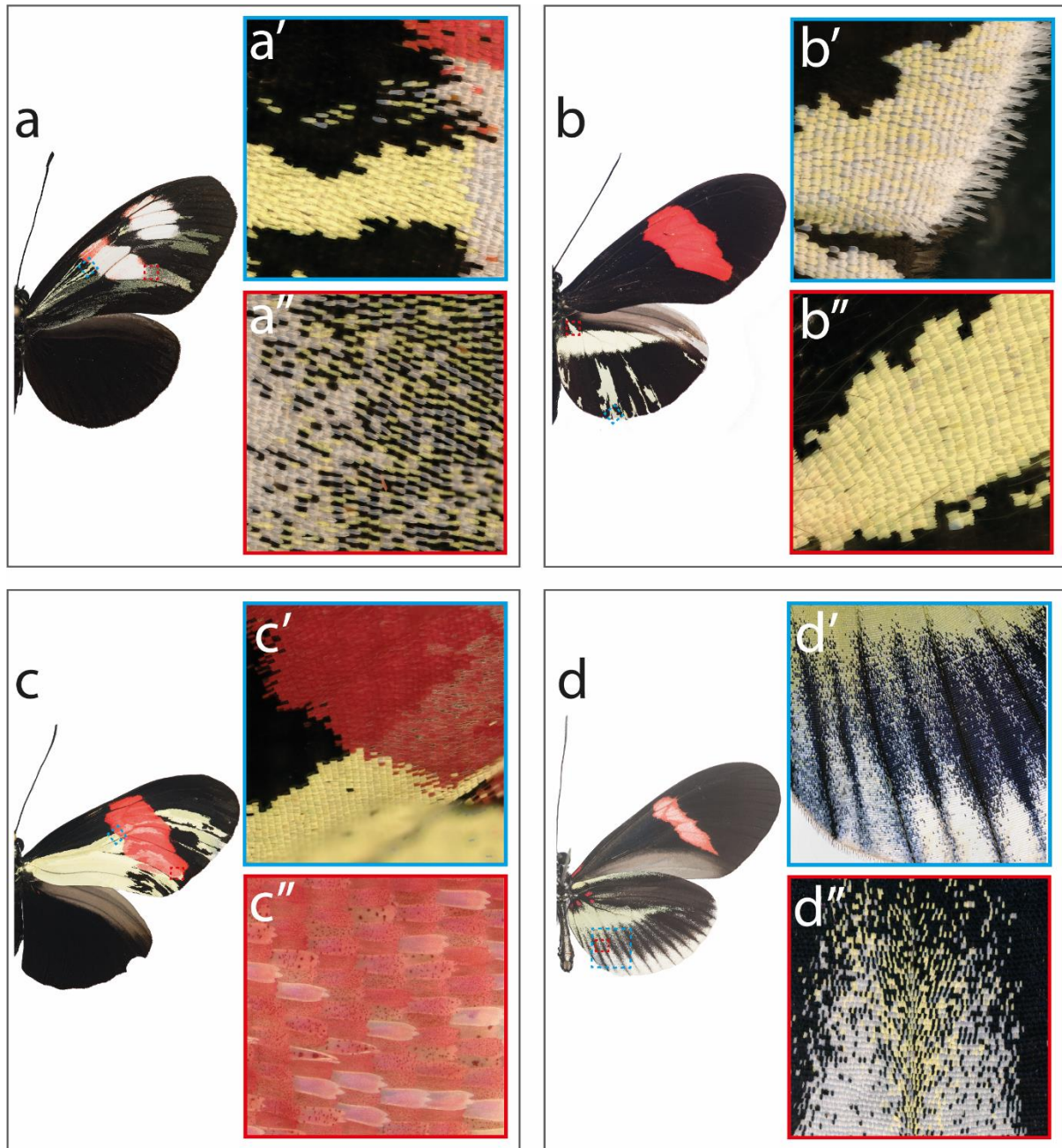


Figure S9: Mutant close-ups illustrating variety of effects caused by *cortex* mKO. (a) *H. melpomene plesseni* showing mutant clones across proximal forewing (a') as well as more distal areas, where cover scales are more affected (a''). Several individuals show this effect (see supplementary file 7). (b) *H. erato demophon* showing cortex mKO effects on elongated border scales (b'), and scale located anterior to yellow bar element (b''). (c) *H. erato hydara* showing clones extending into forewing red band (c') and asymmetric deposition of red pigment across the affected red band region (c''). (d) *H. erato cyrbia* illustrates positional effect of cort mKO where posterior hindwing scales shift to white, while anterior scales shift to yellow (d' and d'').