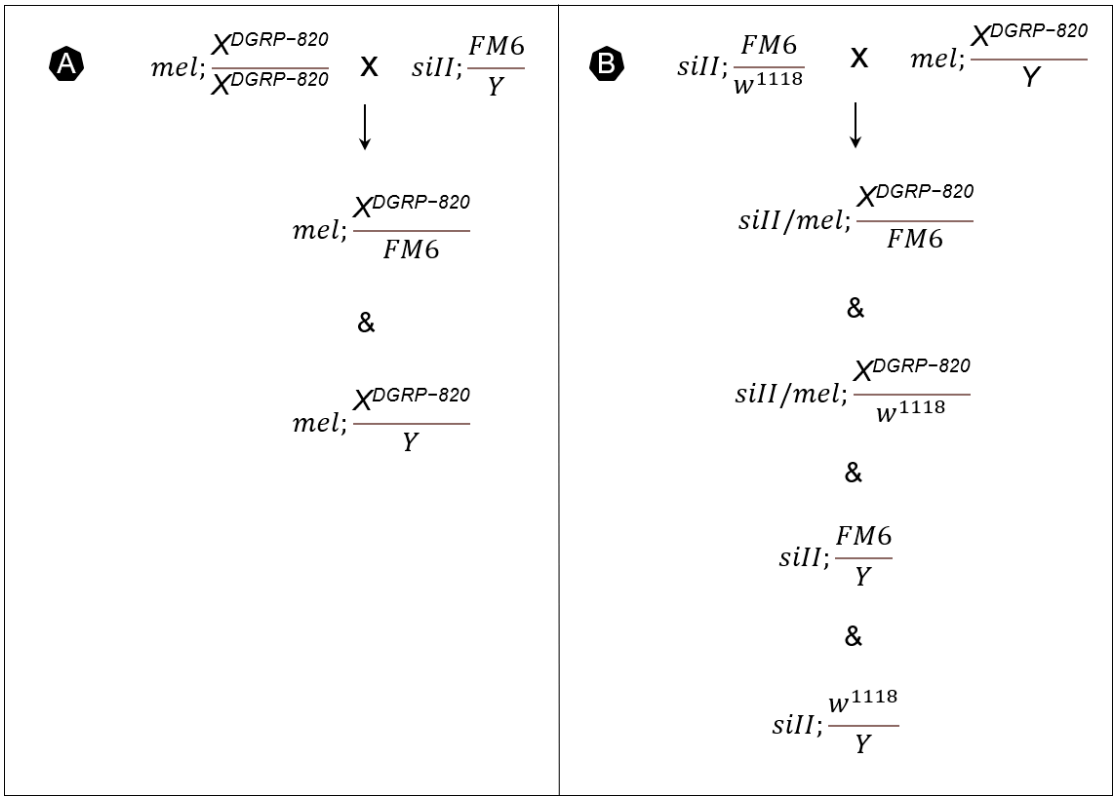


Figure S4: Crosses performed to investigate whether the observed, putative heteroplasmy was created once or whether it was emerging at every generation through paternal leakage. The genotypes of the progeny produced after each cross are shown. **(A)** All progeny were homoplasmic for the maternal mitotype, while no paternal mtDNA leakage was observed. **(B)** Progeny that carried the $X^{DGRP\text{-}820}$ carried also both the *mel* and *silI* mitotypes.