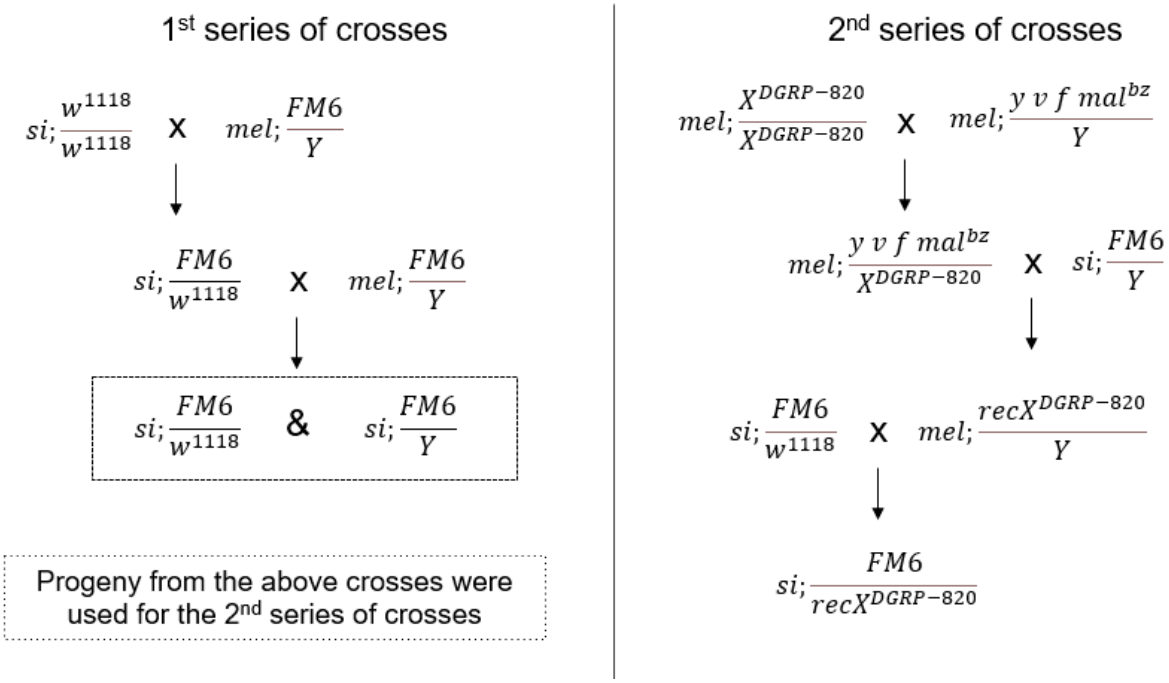


Figure S3: Crossing scheme for mapping the loci responsible for heteroplasmy. The progeny *siIII;FM6/recX*$^{DGRP\text{-}820}$ were phenotyped to determine which $X^{DGRP\text{-}820}$ regions they contained. The individuals were then PCR-tested for the presence of the *mel* mitotype.