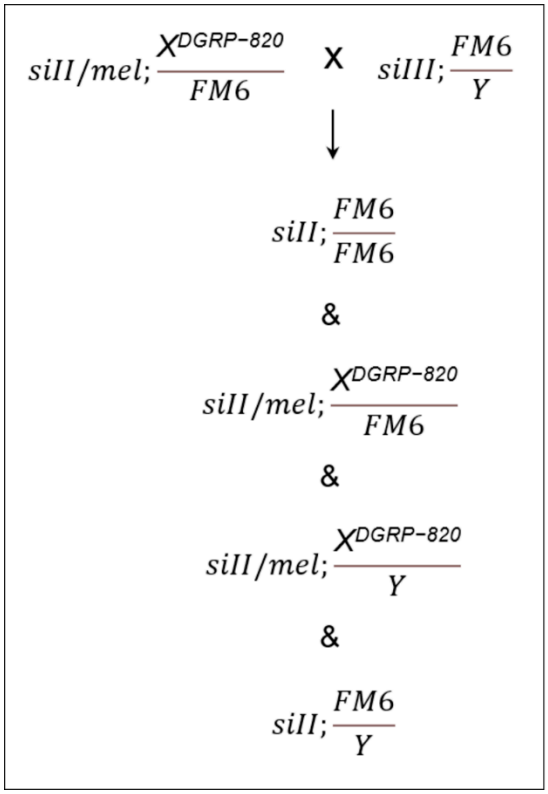


Figure S5: Crosses performed to show whether the putatively heteroplasmic females produced by the crosses from Figure S4-B could transmit their presumed heteroplasmy to the next generation. All progeny that inherited a $X^{DGRP-820}$ from their mothers had also inherited both maternal mitotype sequences (*siII* and *mel*). On the contrary, the rest of the progeny inherited only the *siII* mitotype.