

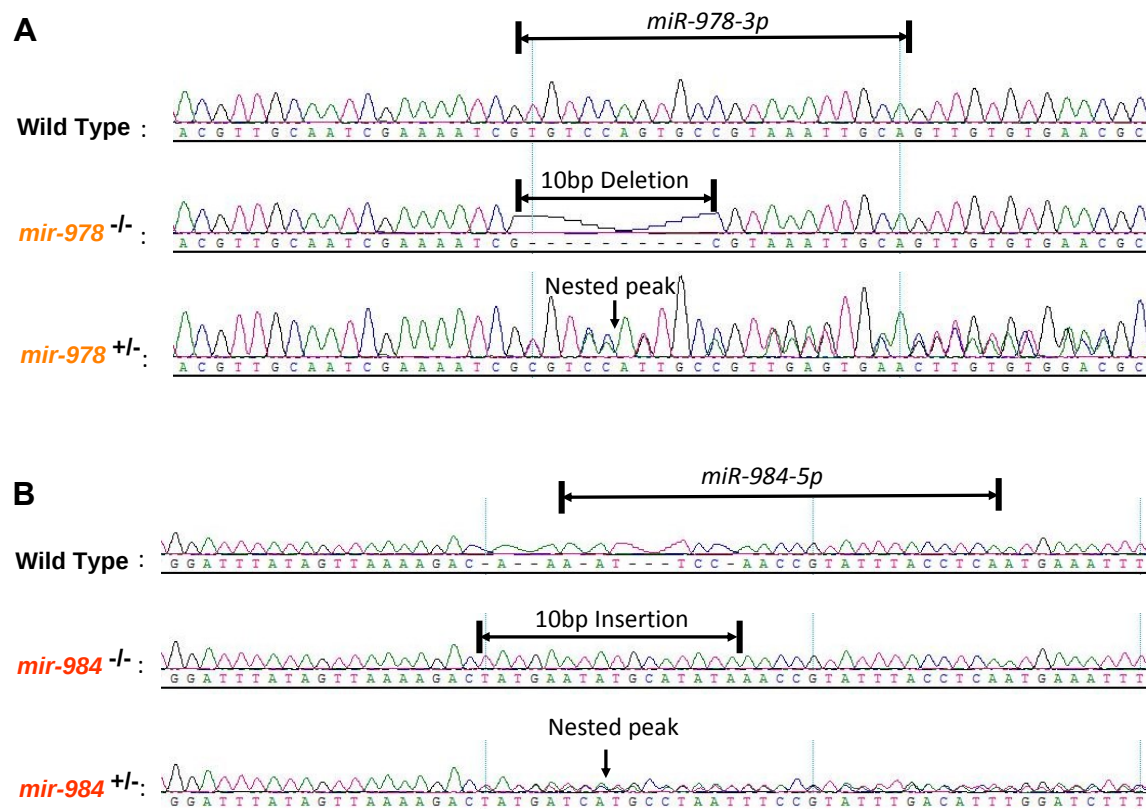


Fig. S7. Single-fly genotyping by PCR and Sanger sequencing.

Wild-type or miRNA KO can be distinguished by detecting a deletion in the mutant; heterozygotes can be detected by observing nested peaks.

(A) Genotyping of wild-type (upper panel), *mir-978* KO (middle panel), and heterozygote flies (bottom panel) in the *mir-978* population cage assay.

(B) Genotyping of wild-type (upper panel), *mir-984* KO (middle panel), and heterozygote flies (bottom panel) in the *mir-984* population cage assay.