



FIGURE 19.29. Two distinct haplotypes (labeled 1, 2) segregate within the first intron of *Adh* in *Drosophila pseudoobscura*. Although they form similar structures in the pre-mRNA, the sequences differ considerably. This polymorphism is ancient: Haplotype 1 is similar to the sequence in *Drosophila persimilis*, and haplotype 2 is similar to the sequence in *Drosophila miranda*.

19.29, redrawn from Kirby D.A. et al., *Proc. Natl. Acad. Sci.* **92**: 9047–9051, © 1995 National Academy of Sciences, U.S.A.