



FIGURE 26.10. Genetic and linguistic boundaries correspond closely across Europe. The *red* lines indicate average gradients in allele frequency from a survey of 60 alleles at 3119 locations. These were used to estimate 33 zones of sharp genetic change, indicated by the *purple* lines. Of these, all but two correspond to linguistic boundaries. Boundaries shown in the sea are between adjacent land masses (e.g., Ireland vs. Iceland).

26.10, modified from Barbujani G. et al., *Proc. Natl. Acad. Sci.* **87**: 1816–1819, © 1990 National Academy of Sciences, U.S.A.