



**FIGURE 19.14.** The distribution of allele frequencies at 46 genes in a sample of plaice, *Pleuronectes platessa*. The red columns show the frequency of alleles that were found in each frequency class (<0.01, 0.01–0.1, etc.). This is compared with the prediction from the neutral theory, either assuming the same neutral mutation rate at all genes (blue) or allowing for variation in rate (orange).

19.14, redrawn from Kimura M., *The Neutral Theory of Molecular Evolution*, Fig. 8.3, © 1983 Cambridge University Press