



FIGURE 19.28. Correlations between changes at different positions in the *bicoid* gene sequence of *Drosophila* can be used to infer RNA secondary structure. The *triangle* shows pairs of positions at which changes occur together in the same part of the phylogenetic tree. Statistically significant regions are numbered 1 to 8. (For example, in region 3, changes at positions 534–542 tend to be accompanied by changes at the corresponding positions 687–695.) The structure at *left* shows the seven regions that have been independently confirmed.

19.28, redrawn from Parsch J. et al., *Genetics* **154**: 909–921, © 2000 Genetics Society of America