



FIGURE 19.31. The functions of some genetic control elements are conserved between species of *Drosophila*. (A) Expression of endogenous *even-skipped* mRNA in *Drosophila melanogaster*. (B) *D. melanogaster* enhancers control the expression of LacZ mRNA (*purple stripes*) in *D. melanogaster*. (C) *D. pseudoobscura* enhancers control the expression of LacZ mRNA in *D. melanogaster* in the same way as do *D. melanogaster* sequences. In B and C, the *brown stripes* are endogenous *even-skipped* mRNA.

19.31, courtesy of Nipam H. Patel