



FIGURE 7.21. Diagram of a pathogenicity island (within the *large green shaded region*). Flanking the island are core host genes (*small blue shaded regions*). Immediately flanking the island on the *left* is a tRNA gene—many islands are found near or within tRNA genes. At the edges of the island are direct repeats (*red triangles*). Inside the island are virulence genes (*orange boxes*) and some insertion sequences (*purple boxes*).

7.21, adapted from Schmidt H. et al., *Clin. Microbiol. Rev.* **17**: 14–56, © 2004 American Society for Microbiology