



**FIGURE 7.17.** Conjugation. (A) A bacterial donor containing a conjugative plasmid forms a connection (pilus) with a neighboring cell. (B) A single-stranded copy of the plasmid genome is made. (C) The single-stranded copy is sent through the pilus to the recipient cell. (D) The complementary strand of plasmid DNA is made. (E) DNA replication is completed. (F) The pilus is broken.

7.17, adapted from Bushman F, *Lateral DNA Transfer*, Figs. 1.4, 1.3, © 2002 CSHLP, www.cshlpress.com