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.