

**FIGURE 13.33.** Gene order is conserved across wide evolutionary distances. The colored segments show blocks of genome that have maintained the same order between mouse and humans. Each color corresponds to a mouse chromosome, overlaid onto the human chromosomes. Note that gene content on the X chromosome is completely conserved (far right).

13.33, reprinted from Eichler E.E. et al., *Science* 301: 793–797, © 2003 American Association for the Advancement of Science

Evolution © 2007 Cold Spring Harbor Laboratory Press