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Cover photograph (Copyright © 2008, American Society for Microbiology. All Rights Reserved.): Electron micrograph of a wild-type B6129F1 testis showing the axonemal ultrastructure of sperm flagella in longitudinal (bottom) and cross sections (top). Magnification, $\times 71,000$. (See related article in February 2008, vol. 28: issue 3, p. 949.)