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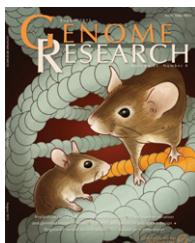
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^{OA}Open Access paper



Cover Germline mutation in genomic DNA is a fundamental resource for phenotypic variation, congenital disorders, and organism evolution. In this issue, a study demonstrates per generation de novo mutation rate in laboratory mice and the long-term phenotypic effects of mutation accumulation under a higher mutation-rate condition. The cover represents the transmission of DNA with de novo mutations from a parental mouse to offspring. (Cover illustration by Tom Wilson, t.wilson@aventdesign.com. [For details, see Uchimura et al., pp. 1125–1134.])