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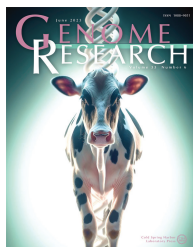
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^{OA}Open Access paper



Cover Bovine genomic evaluation based on genotype at thousands of genetic markers is used by breeders for commercial and selection purposes. The knowledge gained from this evaluation can be used to produce healthier and more environmentally friendly animals. In this issue, an approach to detect interchromosomal rearrangements in cattle by searching for abnormal linkage disequilibrium patterns between markers located on different chromosomes is presented. The approach can be used to select healthier animals that produce food for human consumption while reducing both losses in livestock production and the environmental footprint of agriculture. The cover spotlights a healthy cow and a flowing milk DNA double helix. (Cover illustration by Jeanlin Jourdain [jeanlin.jourdain@inrae.fr] from an edited photo of a cow, remastered using Midjourney [<https://www.midjourney.com>]. [For details, see Jourdain et al., pp. 957–971.]