



Cover image: Pictured are Chinese Shar-Pei litter mates, one of which (left) shows extensive wrinkling. Artificial selection via strict breeding practices over many generations has created animals with specific traits, such as wrinkling. Joshua M. Akey et al. scanned the genomes of 275 dogs belonging to 10 breeds and identified 155 genomic regions that possess strong signatures of recent selection and contain candidate genes for phenotypes that vary most conspicuously among breeds including size, coat color and texture, behavior, skeletal morphology, and physiology. See the article by Akey et al. on pages 1160–1165. Image courtesy of Alison L. Ruhe.

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