

ATLAS of MAMMALIAN CHROMOSOMES

Edited by

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A stunning visual collection of the banded metaphase chromosome karyotypes from some 850 species of mammals, the *Atlas of Mammalian Chromosomes* represents an unabridged compendium of the state of this genomic art form. Bringing together information currently scattered throughout the cytogenetics literature for scores of published and unpublished species, this atlas features high-quality karyotype images for nearly every mammal studied to date, making it the most comprehensive assemblage of high-resolution chromosome photographs available—a critically invaluable resource for today's comparative genomics era.

For every available species, the *Atlas of Mammalian Chromosomes* presents the best karyotype produced, the common and Latin name of the species, the published citation, and the contributing authors. Most karyotypes are G-banded, revealing the chromosomal bar codes of homologous segments among related species.

Addressing the mandate of the Human Genome Project to annotate the genomes of other organisms as well, the *Atlas of Mammalian Chromosomes* offers a step forward in our understanding of species formation, of genome organization, and of DNA script for natural selection. It is an invaluable resource for geneticists, mammalogists, and biologists interested in comparative genomics, systematics, and chromosome structure.

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