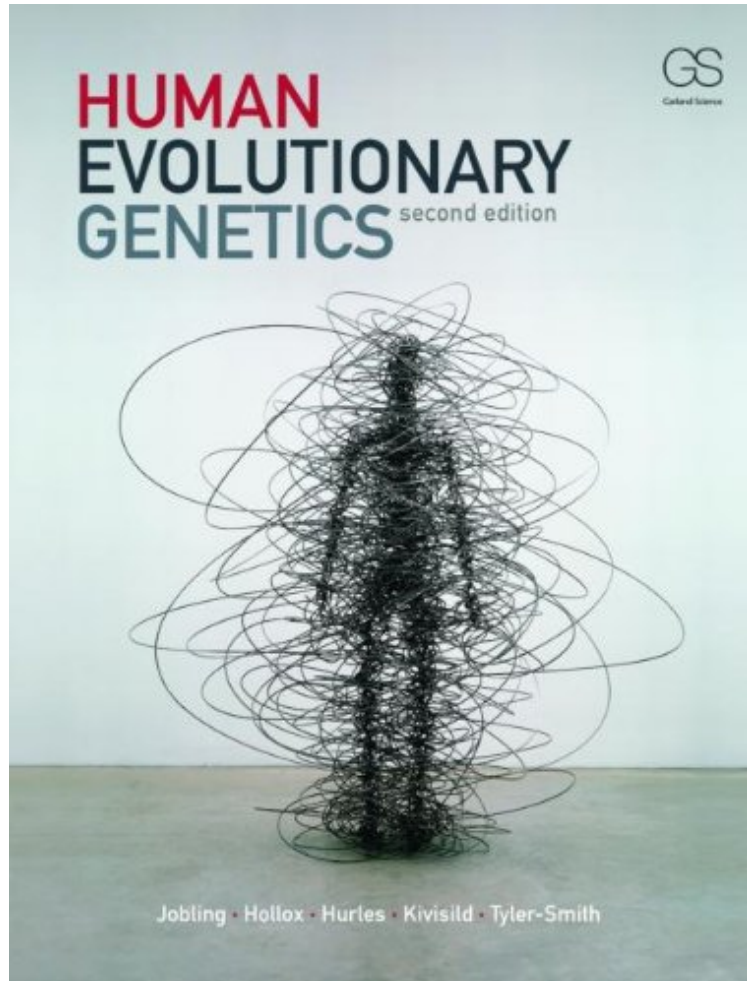


## Human Evolutionary Genetics

*Mark Jobling, Edward Hollox, Toomas Kivisild, Chris Tyler-Smith*  
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**Mark Jobling, Edward Hollox, Toomas Kivisild, Chris Tyler-Smith : Human Evolutionary Genetics** before purchasing it in order to gage whether or not it would be worth my time, and all praised Human Evolutionary Genetics:

5 of 5 people found the following review helpful. Excellent book with the most recent informationBy TajI purchased this book for a Molecular Anthropology class and read it cover to cover. The book is well written and well structured. Ultimately, the best part is that the authors use data from the most recent publications and they include information on the most recent sequencing technology. This would be a great book for someone that needs an introduction to human genetics, genotyping methods/technology, and evolution. I would recommend this book to anyone who has an interest in human evolution, population genetics, or anthropology.0 of 0 people found the following review helpful. Great textbook for intro bioanth genetics!By Ariss McKalynnWe use this text in my graduate class for anthropological genetics. It's really comprehensive and can be understood by someone like me . . . who does not specialize in genetics

but has my basic bio knowledge to rely on. I like this book and will use it for reference in the future--so perhaps buy it and not just rent/borrow if you will go into any related field. 6 of 7 people found the following review helpful. Harder to read than it needs to be. By puff bird. A good example of bad writing! The information may be fine but the book reads as if it were attempting to be really "scientific." Let me explain. First, I will say that I am comparing this to two recent books on my current reading shelf: *The Essential Biology of the Cell* (Alberts et al) and Weinberg's *The Biology of Cancer*. Both are well written indeed. This book produces entirely too many sentences like this: "In answering this question we can compare ourselves with other living nonhuman primates, or attempt to draw upon the increasingly detailed fossil record of the hominids, to discern not only the strictly human versus general hominin-specific changes (Figure 8.1c) but also the tempo and pattern of change (Figure 8.1b)." (p. 258) Can this be decoded? Yes. Is it more work than seems justified by the content? Yes. I admit to some bias here. I was educated in the humanities. I therefore asked my husband, who is a working scientist, to check my impression. His take? "Well, it is a shame it is so badly written, as the information looks very interesting. It feels sort of regurgitated, not properly digested." He also commented that, in fairness, he reads a lot of articles (including some he writes) that read just as badly. One of the issues is the current tendency to put all the real information in the figures, or slides, or some form of graphic medium. The text itself is marginal. All well and good for a lecture presentation in which the slides can then be discussed and questions can be asked. This, however, is a book and should at least attempt to be readable as a book. It can be done. See especially Weinberg, above.

Now in full-color, the Second Edition of *Human Evolutionary Genetics* has been completely revised to cover the rapid advances in the field since publication of the highly regarded First Edition. Written for upper-level undergraduate and graduate students, it is the only textbook to integrate genetic, archaeological, and linguistic perspectives on human evolution, and to offer a genomic perspective, reflecting the shift from studies of specific regions of the genome towards comprehensive genomewide analyses of human genetic diversity. *Human Evolutionary Genetics* is suitable for courses in Genetics, Evolution, and Anthropology. Those readers with a background in anthropology will find that the streamlined genetic analysis material contained in the Second Edition is more accessible. The new edition also integrates new technologies (including next-generation sequencing and genome-wide SNP typing) and new data analysis methods, including recent data on ancient genomes and their impact on our understanding of human evolution. The book also examines the subject of personal genomics and its implications.

"I strongly recommend this book to anyone with an interest in human evolutionary genetics or anthropological genetics. It would be an ideal choice for advanced undergraduates and graduate courses on this topic, and would also be a key reference for those active in such research." - *Human Genomics* "This is an absolutely superb book! I have been recommending it enthusiastically to professional colleagues, graduate students, and even the occasional highly motivated undergraduate student, and the response has been overwhelmingly positive. Not only is the book unique in terms of topical coverage, but it is also extremely well executed. In fact, it is one of the best textbooks on any subject I have ever read. It belongs on the shelves of everyone interested in the genetic aspects of human evolution. There is also much of value in it for paleoanthropologists, historical linguistics, archaeologists, and human biologists (biological anthropologists), as well as for geneticists with various complementary specialties and interests." - *American Journal of Human Genetics* "I strongly recommend *Human Evolutionary Genetics* as an undergraduate textbook. At the same time, I recommend this book to any readers with an interest in human evolution or human genetics." - *Human Genetics* "In all honesty, there are few comparable textbooks on this subject, and this edition of *Human Evolutionary Genetics* really raises the bar. I wholeheartedly recommend this volume, and anticipate building a course around it in my own teaching." - *The Quarterly of Biology* "This is a very valuable, stimulating and challenging book for students, who will benefit from having had a previous grounding in basic biology, chemistry and statistics. For teachers this will also be valuable as a comprehensive review for courses in several aspects of human evolutionary genetics and as a teaching aid." - *Journal of Biological Education* "My thanks to the authors for updating an already outstanding book; you have outdone yourselves! Buy this book." - *American Journal of Human Biology* "Human Evolutionary Genetics is a highly recommended textbook that helps readers understand differences in the human genome and how evolution has affected development of the genome and acquired diversity.... This book is very well laid out for those who want to introduce themselves to the concepts of evolution and genetics and is a good read for advanced undergraduates and graduates, as well as geneticists, human biologists, anthropologists, and others." - *Yale Journal of Biology and Medicine*

About the Author: Mark Jobling is a Professor in the Department of Genetics at the University of Leicester, UK. Following a BA in Biochemistry and a DPhil in Genetics from the University of Oxford, he came to Leicester as an MRC Training Fellow in 1992, and has held a Wellcome Trust Senior Fellowship in Basic Biomedical Science since 1999. His research is in the area of human genetic diversity and the forces that pattern it, from mutation processes to cultural factors in human populations. He has a long-term interest in the Y chromosome and its many peculiarities. Ed Hollox is a Lecturer in the Department of Genetics at the University of Leicester, UK. Following a BA in Natural Sciences from the University of Cambridge and PhD in Genetics from

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