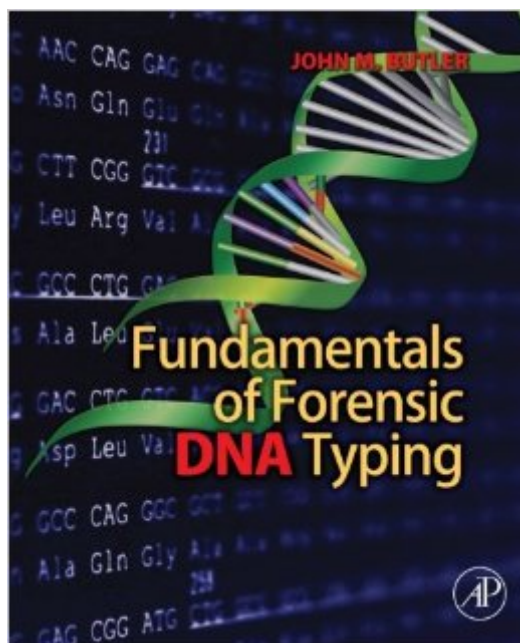


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# Fundamentals Of Forensic DNA Typing



## Synopsis

Fundamentals of Forensic DNA Typing is written with a broad viewpoint. It examines the methods of current forensic DNA typing, focusing on short tandem repeats (STRs). It encompasses current forensic DNA analysis methods, as well as biology, technology and genetic interpretation. This book reviews the methods of forensic DNA testing used in the first two decades since early 1980s, and it offers perspectives on future trends in this field, including new genetic markers and new technologies. Furthermore, it explains the process of DNA testing from collection of samples through DNA extraction, DNA quantitation, DNA amplification, and statistical interpretation. The book also discusses DNA databases, which play an important role in law enforcement investigations. In addition, there is a discussion about ethical concerns in retaining DNA profiles and the issues involved when people use a database to search for close relatives. Students of forensic DNA analysis, forensic scientists, and members of the law enforcement and legal professions who want to know more about STR typing will find this book invaluable. Includes a glossary with over 400 terms for quick reference of unfamiliar terms as well as an acronym guide to decipher the DNA dialect. Continues in the style of Forensic DNA Typing, 2e, with high-profile cases addressed in D.N.A. Boxes-- "Data, Notes & Applications" sections throughout. Ancillaries include: instructor manual Web site, with tailored set of 1000+ PowerPoint slides (including figures), links to online training websites and a test bank with key

## Book Information

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## Customer Reviews

Dr. Butler was one of the developers of DNA typing. I have heard him lecture on it several times. He recommended this as a starter. I am enjoying getting more in-depth information than I could get in a lecture. This is a good book to start learning about this interesting subject and I would recommend it to those trying to get started in this field.

This book is a good overview of forensic DNA testing. There were only a few points that could have been better explained, but I was pleased overall. Contains some true- life cases, like the O. J. Simpson trial.

I needed some very concise and specialized information about binning strategies, and I did find it inside this book. In general from the reading of this book, I must say that almost anyone interested in the field should read it. It is wonderful to be able to read one of those that have contributed so much to our area of work. And for those of us that haven't got the chance to listen to Dr Butler lectures, it is very nice to read his opinions in the amenable and organized way he presents the whole issue. Thanks Dr Butler! I would like Kindle books to be more affordable

But the book was exactly as advertised, its in great shape and has come in very use full in class. DNA is not an easy topic, but this book/author has a way of breaking it down into understandable sections. I've had 2 other DNA books, and simply could not keep up with the words used and the pace of the book. This is not the case with this book. Very satisfied.

I never doubted the content of the book and thus any of the information it contains; however, I am disappointed that the entire book (at least the one I received) is in black and white. There are countless figures that are best viewed in color ink. So while the written information is great for anyone wanting more information on DNA typing, it is only half useful for my use of the book.

John Butler knows his stuff and explains DN analysis in an easy to understand way for non scientists. I think this is a great book for anyone working with DNA results that do not have formal forensic scientific training

Fundamentals of Forensic DNA Typing Excellent. Very informative and easy to peruse.

This is very helpful book, both those who just beginners at genetics and those who professionals

will find a lot of information and explanations are very clear. Highly recommend.

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