

## Book Review:

# DNA Profiling and DNA Fingerprinting

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Epplen JT, Lubjuhn T (eds): DNA Profiling and DNA Fingerprinting. Birkhäuser Basel, Boston, Berlin, 1999, ISBN: 3-7643-5886-6, 128.00 CHF

DNA fingerprinting is probably well - known in the public, and it has become an established technology in biology, biochemistry, pathology, and related sciences. This textbook written primarily for students, teachers and researchers in the theoretical and applied involved sciences covers, therefore, a broad range of approaches which use DNA identification and discrimination. The chapters include DNA fingerprinting of prokaryotic genomes, of plants, in behavioral and veterinary medicine, of mitochondrial and Y-chromosomal DNA, and technology aspects such as multilocus or imperfect satellites analysis. Each chapter provides the reader with a short and instructive introduction discussion the present status and main goal of the approach, detailed technical protocols, interpretation of obtained results, and a set of references. Included are, in addition, two chapters on statistical evaluation of obtained data, for example, the computation of genetic distances or estimation of gene flow and nesting structure of populations.

All chapters are well-written, instructive, and provide the reader with all necessary information, either to get informed on the basics of the technology, or to introduce this technique in his own laboratory. The only constraint is the quite high price, and the missing electronic printing, for example on a CD.

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