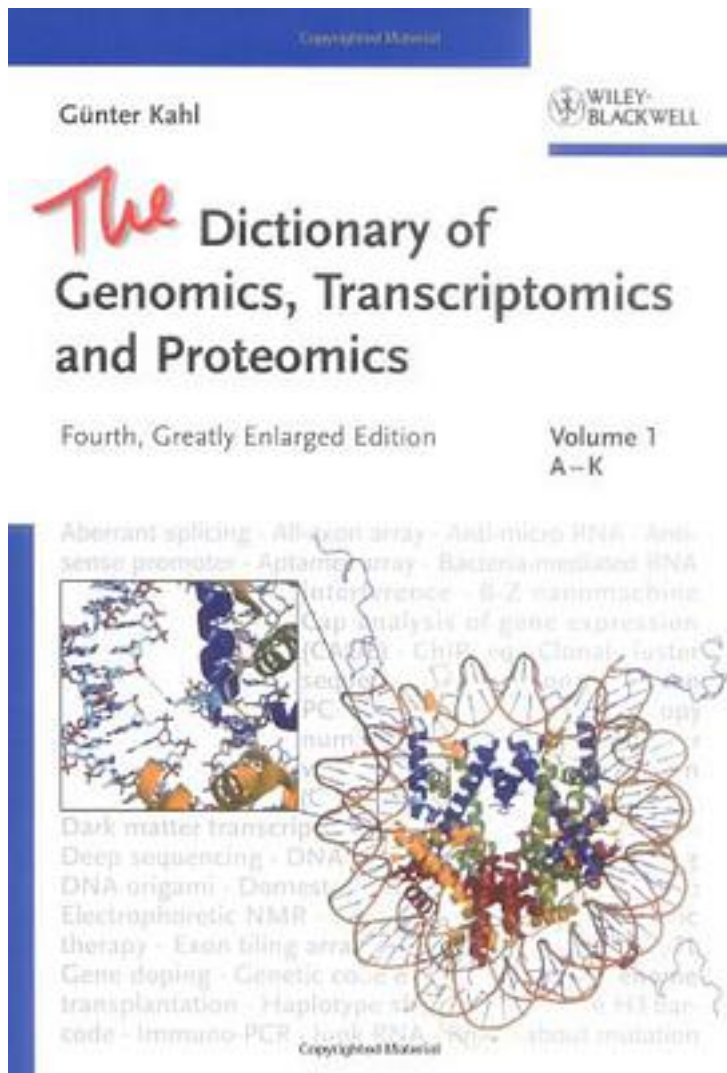


The Dictionary of Genomics, Transcriptomics and Proteomics, 3 Volume Set



[The Dictionary of Genomics, Transcriptomics and Proteomics, 3 Volume Set 下载链接1](#)

著者:Kahl, Guenter

出版者:

出版时间:2009-4

装帧:

isbn:9783527320738

This most up-to-date and comprehensive collection of 12,000 technical terms of the modern fields of genome research (genomics), gene expression technology (transcriptomics), and protein structure and function (proteomics) is the successor of the very successful long-seller and leading title The Dictionary of Gene Technology. This new edition appreciates a far-reaching diversification of the technical language of the three disciplines and tries to order the sometimes confusing usage of multiple synonyms, acronyms and laboratory jargons. It presents extensive explanations of the terms, frequently supported by illustrations, and provides multiple links to related terms of neighboring science fields such as genetics, molecular genetics, molecular medicine, biotechnology, nanotechnology, microbiology, biochemistry and biophysics. All the chemical formulas are professionally drawn in a uniform style, and most of the figures and schemes are custom-designed. This outstanding dictionary assists laypersons, students, journalists, officials, and experts alike to understand the meaning of most terms of the three continuously and vigorously expanding disciplines. Praise from the previous edition:

"... this book is... a self-sufficient research tool, an illuminating read, and... an entire encyclopedia for the post-genomic era... The author [created]... a comprehensive, accurate, useful, intelligent and readable account of virtually every possible term from the many diverse fields of genomics." –Trends in Molecular Medicine The Dictionary of Genomics, Transcriptomics and Proteomics, Fourth Edition, covers exciting topics from A to Z such as:

Aberrant splicing

All-exon array

Anti-microRNA

Bacteria-mediated RNA interference

B-Z nanomachine

ChIPSeq

Clonal cluster sequencing

Convection PCR

Copy number variation (CNV)

Dark matter transcription

Deep sequencing

Dispensible genome

DNA nanomotor

DNA origami

Electrophoretic NMR

Epigenetic code

eQTL

Gene doping

Gene number paradox

Genetic code expansion

Genome transplantation

Haplotype shuffling

Histone H3 barcode

Immuno-PCR

iDNA

Junk RNA

Language gene

Memory suppressor gene

microRNA microarray

Molecular fossil

Mycoplasma laboratorium

Nanopore sequencing

Next generation sequencing

OncomicroRNA

Optical tweezers

Paired-end mapping

Pan-genome

Promoter transcript

Protein nanoarray

Quadruplet codon

RNA thermometer

Second genetic code

Structural variation (SV)

SuperSAGE

Thousand Dollar genome

Transitive RNAi

Transpilation

Virtual PCR

Y-clan signature

ZIP code

作者介绍:

目录:

[The Dictionary of Genomics, Transcriptomics and Proteomics, 3 Volume Set 下载链接1](#)

标签

评论

[The Dictionary of Genomics, Transcriptomics and Proteomics, 3 Volume Set 下载链接1](#)

书评

[The Dictionary of Genomics, Transcriptomics and Proteomics, 3 Volume Set_下载链接1_](#)