

The Handbook of Plant Mutation Screening – Mining of Natural and Induced Alleles – covers all major current and emerging mutation detection technologies together with many applications, provides detailed and easy-to-follow protocols, and focuses on the screening, detection and analysis of novel mutations. Written by a global team of expert authors, the present third volume of the Molecular Plant Biology Handbook Series represents an invaluable reference book, is an indispensable tool for all scientists working on crop breeding in industry and academia, and is divided into four main parts:

- Induced Mutations
- Mutation Discovery
- High-Throughput Screening Methods
- Applications in Plant Breeding
- Emerging Technologies

Each chapter introduces the subject comprehensively, and provides state-of-the-art experimental protocols. A handy glossary of relevant technical terms is included to facilitate reading for researchers, teachers and students.



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- Transcriptome analyses in eukaryotic organisms
- Mutation detection.

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