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## AQUACULTURE GENOME TECHNOLOGIES



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# Aquaculture Genome Technologies

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Genomics is a rapidly growing scientific field with applications ranging from improved disease resistance to increased rate of growth. *Aquaculture Genome Technologies* comprehensively covers the field of genomics and its applications to the aquaculture industry. This volume looks to bridge the gap between a basic understanding of genomic technology to its practical use in the aquaculture industry.

*Aquaculture Genome Technologies* provides the reader with a tour through the aquaculture genomics process. The book opens with a discussion of concepts and principles and moves from there to a detailed discussion of genome mapping and analysis of genome expression. The final two sections look forward toward sequencing of entire genomes of aquaculture species. *Aquaculture Genome Technologies* is edited by an international leader in the field of aquaculture genome research, with contributions from an international team of leading researchers.

*Aquaculture Genome Technologies* is an essential reference for anyone with an interest in aquaculture genetics.

### Key features:

- Coverage of key aquaculture genome technologies
- Provides basic principles along with detailed methodologies on the use of aquaculture genome technologies
- Chapters written by leading aquaculture genome researchers

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