Written by leading experts from industry and academia, this comprehensive resource addresses recent developments in next generation DNA sequencing technology and their impact on genome research, drug discovery and health care.

As such, it presents a detailed comparative analysis of commercially available platforms as well as insights into alternative, emerging sequencing techniques. In addition, the book not only covers the principles of DNA sequencing techniques but also social, ethical and commercial aspects, the concept of personalized medicine and a five-year perspective of DNA sequencing.

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