

Sequel IIe System Sequencing evolved.



Unlock Your Next Great Discovery with HiFi Sequencing and the Sequel® IIe System

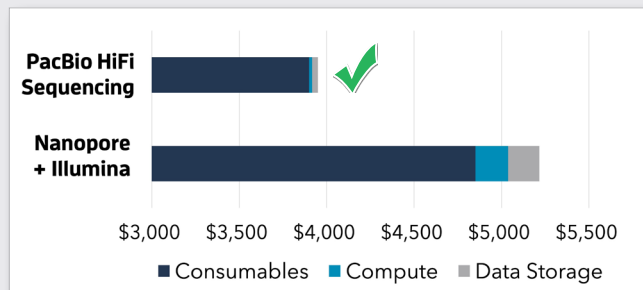
Based on the proven performance of the award-winning Sequel II System, the Sequel IIe System delivers:

- Direct access to the only highly accurate long reads: PacBio® HiFi reads
- Deeper biological insights, less data processing, and faster results thanks to the unmatched clarity of HiFi reads
- Reliable and affordable high-throughput sequencing for a broad range of applications

Key Benefits of the Sequel IIe System:

- ✓ **Better Data** for superior results with lower coverage, from a single technology
- ✓ **Less Time** spent on data processing and analysis for faster answers
- ✓ **Cost Savings** at every step of your sequencing pipeline

Overall Costs for Sequencing a Human Genome



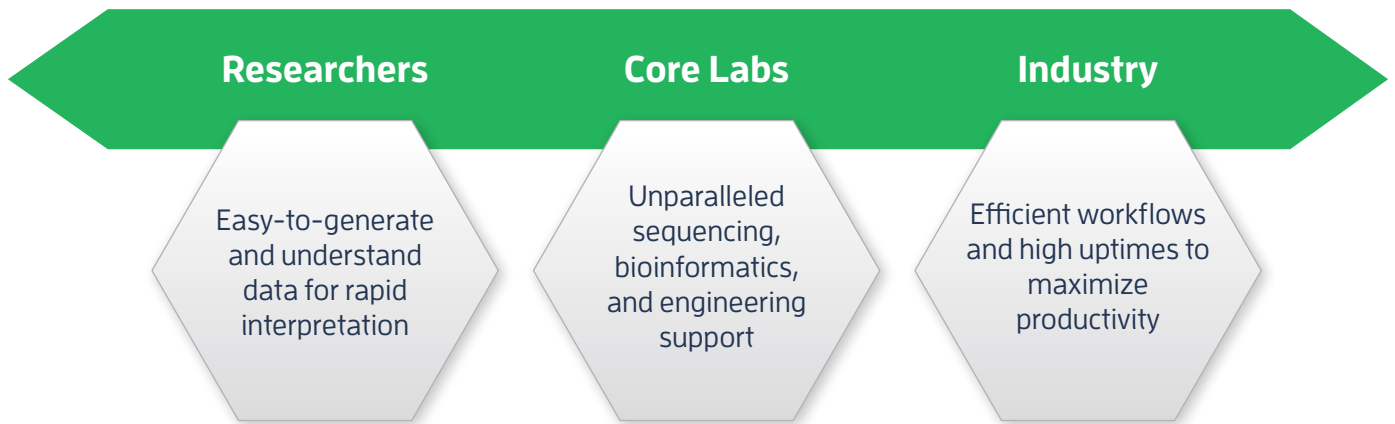
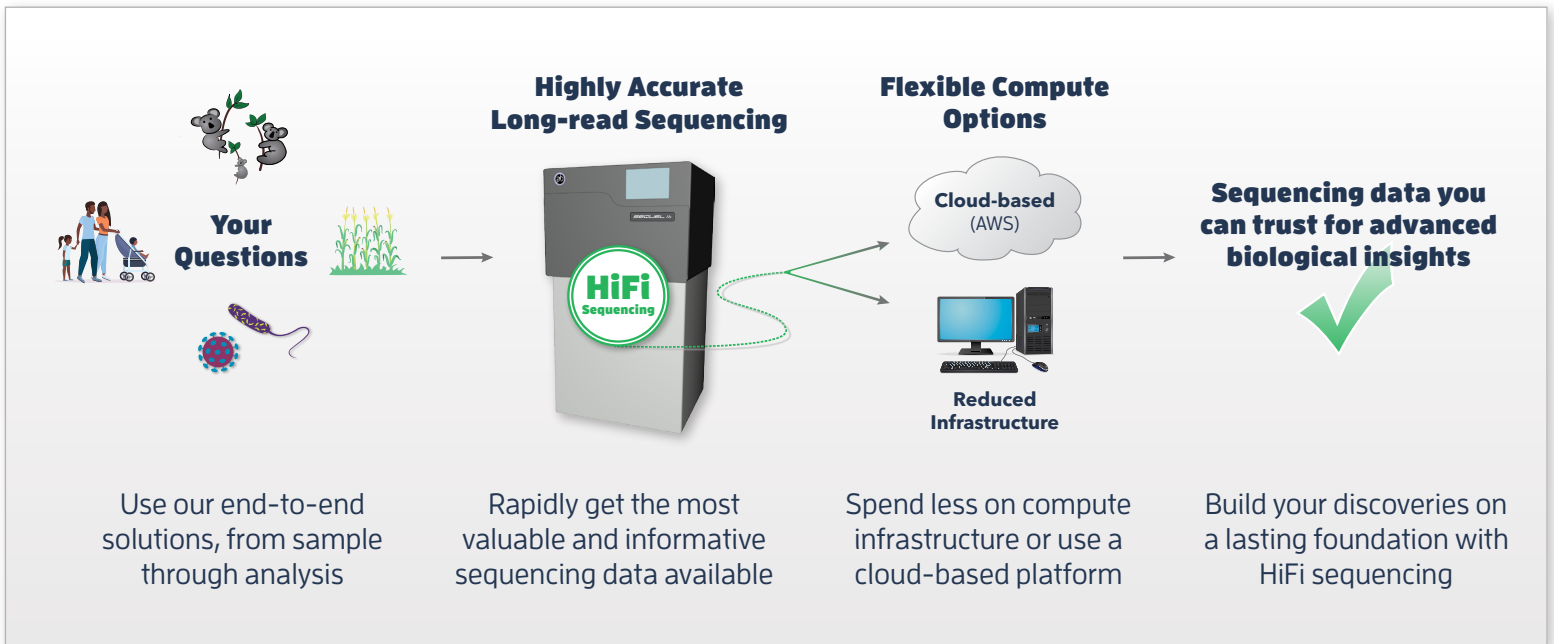
Human Genome Assembly Quality Metrics

	Nanopore + Illumina	PacBio HiFi Sequencing ✓
Contiguity (N50)	32.3 Mb	98.7 Mb
Correctness (Quality Score)	Q34	Q51
Completeness (Genome Size)	2.8 Gb	3.1 Gb

Overall costs and quality metrics from the assembly of a human genome (HG002) with 30-fold PacBio HiFi read coverage or 60-fold Nanopore + Illumina coverage are shown. For details, contact your local sales team.

HiFi Sequencing and the Sequel Ii System

Delivering Insights to All Life Scientists



"If your genome isn't HiFi, it's no longer reference grade."

– Kevin McKernan, Medicinal Genomics

To Unlock Your Next Great Discovery with HiFi Sequencing and the Sequel Ii System, Contact Your Local Sales Team:

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