

# Sequel IIe System Sequencing evolved.



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

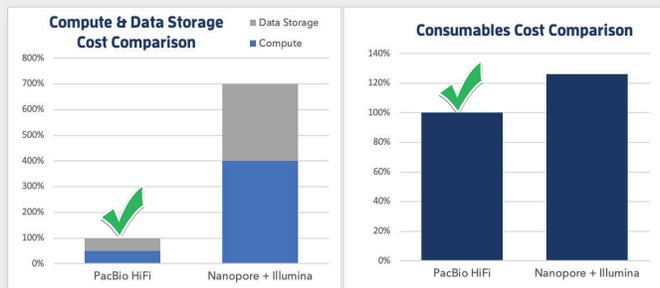
Based on the proven performance of the award-winning Sequel II System, the Sequel IIe System delivers:

- 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**
- ✓ **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



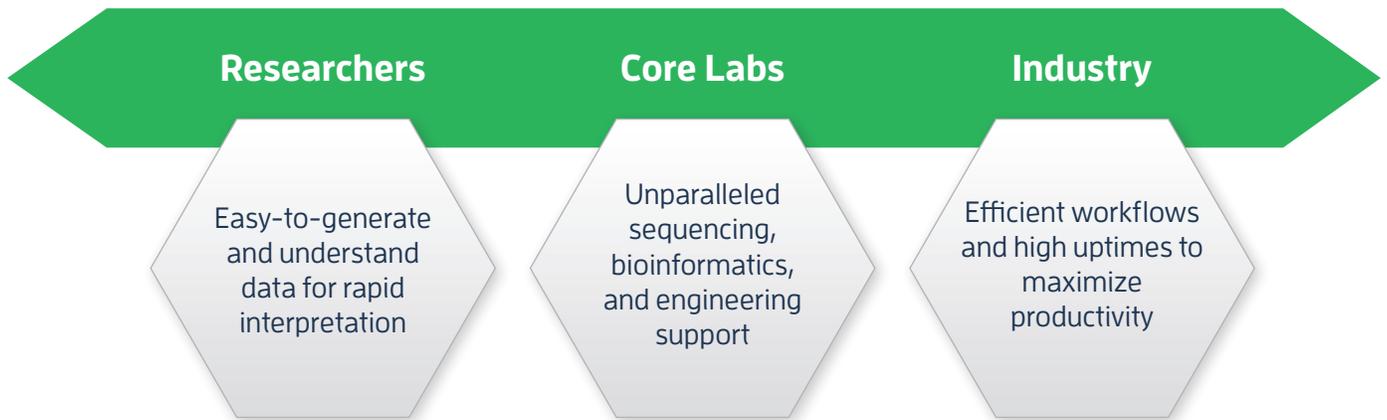
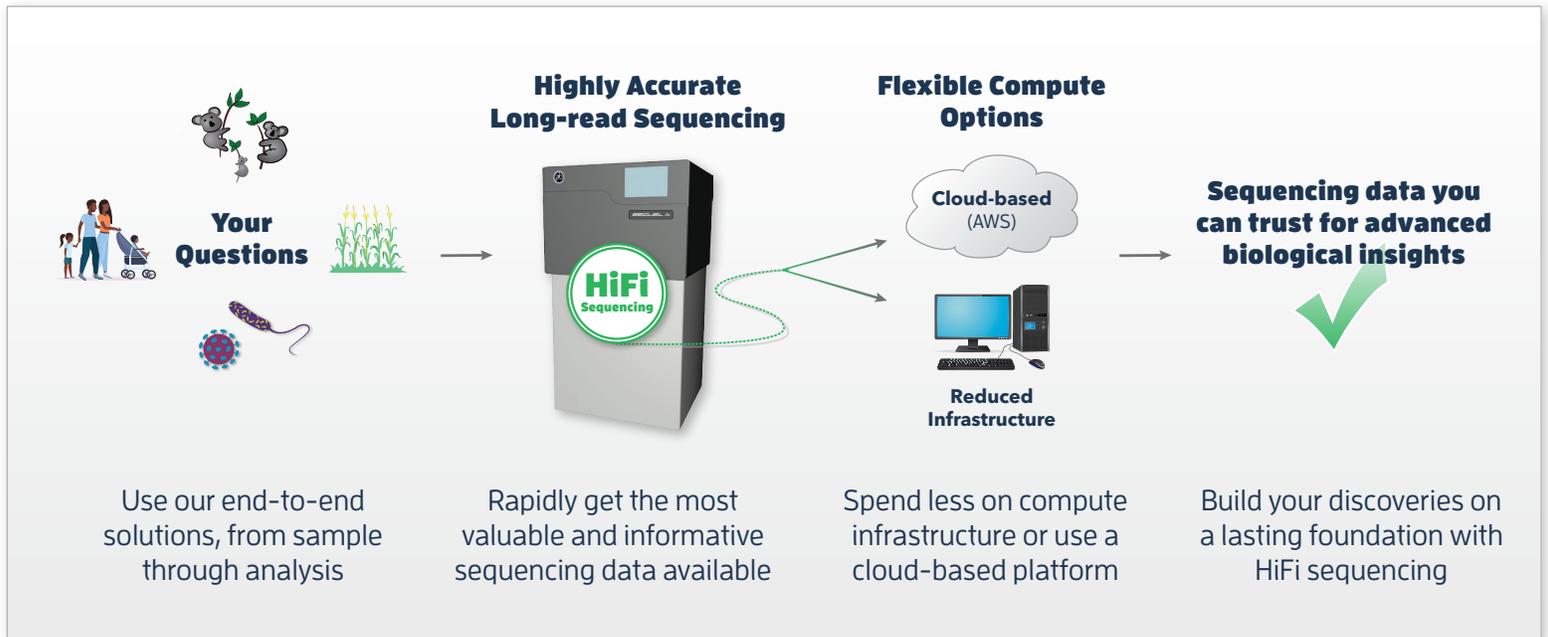
Human Genome Assembly Quality Metrics

	Nanopore +	PacBio HiFi ✓
<b>Contiguity</b>	<b>32.3 Mb</b>	<b>98.7 Mb</b>
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 APAC Distributor or Sales Team:**

Asia Pacific: [apsales@pacb.com](mailto:apsales@pacb.com)



[www.pacb.com](http://www.pacb.com)

