

# 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

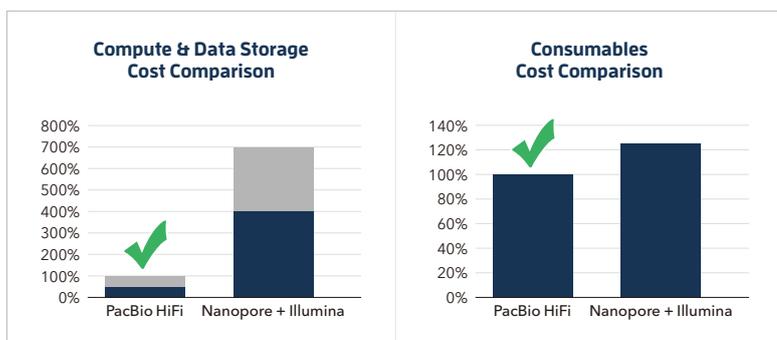


Sequel IIe System

## 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

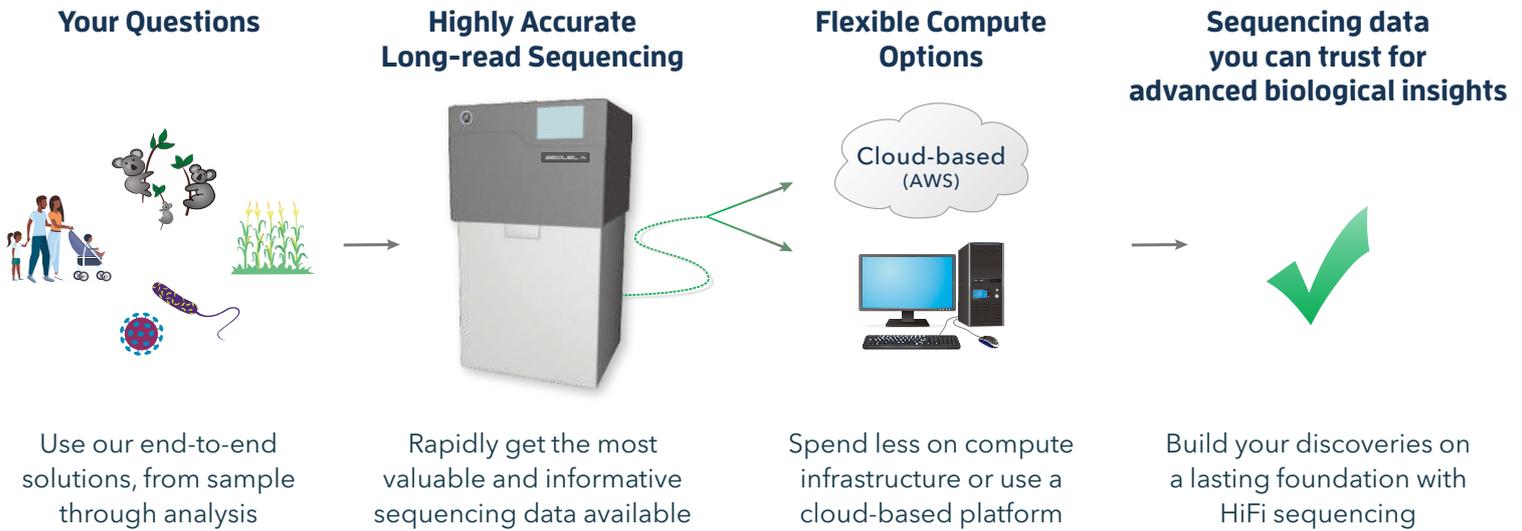
	PacBio ✓	Nanopore +
Contiguity	98.7 Mb	32.3 Mb
Correctness (Quality Score)	Q51	Q34
Completeness (Genome Size)	3.1 Gb	2.8 Gb

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 Blossom Biotech ([www.blossombio.com](http://www.blossombio.com)).



# HiFi Sequencing and the Sequel IIe System

## Delivering Insights to All Life Scientists



**“If your genome isn't HiFi, it's no longer reference grade.”**

— Kevin McKernan, Medicinal Genomics

### Researchers

Easy-to-generate and understand data for rapid interpretation

### Core Labs

Unparalleled sequencing, bioinformatics, and engineering support

### Industry

Efficient workflows and high uptimes to maximize productivity

To Unlock Your Next Great Discovery with HiFi Sequencing and the Sequel IIe System,  
Contact Your APAC Distributor or Sales Team:

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

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