

WHAT CAN YOU DO WITH ONE SMRT CELL ON SEQUEL II SYSTEMS?

Generate highly accurate long-read sequencing data you can trust

With PacBio® Single Molecule, Real-Time (SMRT®) sequencing on the Sequel® II and IIe systems, you can characterize whole genomes and transcriptomes with just one SMRT® Cell. Explore our applications and pricing to get your sequencing project started.

Affordable pricing

With the Sequel II or IIe systems and the SMRT Cell 8M, you gain exceptional sequencing power for **~\$1,375 per SMRT Cell**



Learn about application-specific workflows: pacb.com/applications



Connect with PacBio for more info:

North America: nasales@pacb.com
 South America: sasales@pacb.com
 EMEA: emea@pacb.com
 Asia Pacific: apsales@pacb.com



Run your project with a PacBio certified service provider:
pacb.com/CSP

SMRT sequencing applications	Samples per SMRT Cell 8M*	Est. cost per sample†
Whole genome sequencing		
De novo assembly: Produce reference-quality assemblies for genomes up to 2 Gb	1	\$1,375
Microbial de novo assembly: Generate reference-quality assemblies for up to 96 microbial isolates	96	\$95
Variant detection: Call single nucleotide, indel, and structural variants and 5mC methylation in a ~3 Gb genome	0.5	\$2,750
RNA sequencing		
Whole transcriptome: Characterize alternative splicing with full-length transcripts	1	\$1,375
Genome annotation: Sequence full-length transcripts and multiplex up to 8 tissues	8	\$195
Targeted sequencing		
Amplicon sequencing: Detect variation in specific regions by multiplexing 1,000 samples (1–10 kb)	1,000	\$1–2
HiFiViral sequencing: Multiplex 384 samples and perform full genome sequencing of SARS-CoV-2	384	\$39
Metagenome sequencing		
Full-length 16S: Gain species- and strain-level resolution by multiplexing up to 192 samples	192	\$9
Metagenome profiling: Profile the composition or functional profile of up to 48 multiplexed samples	48	\$109
Metagenome assembly: Generate up to 45 high-quality MAGs from a gut microbiome sample	4	\$400

* Study design, sample type, and level of multiplexing may affect the number of SMRT Cells 8M required.

† All prices are listed in USD and cost may vary by region. Pricing includes SMRTbell® prep and sequencing reagents run on your Sequel II or IIe systems and does not include instrument amortization or other reagents.