

QB3 Genomics Rates (07/22-06/23)

Full Service

(Prep + 150PE Illumina Data)

	Reads	Data	Turnaround	UC	Affiliate	External	
DNaseq	37 M	10 Gbp	2-5 weeks approximate turnaround, depending on project size	\$ 187	\$ 206	\$ 215	per sample
RNAseq	25 M	7.5 Gbp		\$ 252	\$ 277	\$ 290	per sample
RNAseq (w ribodepletion)	25 M	7.5 Gbp		\$ 302	\$ 332	\$ 347	per sample
Human Genome (30x)	400 M	120 Gbp		\$ 1,000	\$ 1,100	\$ 1,150	per sample
Human Exome (100x)	17 M	5 Gbp		\$ 250	\$ 275	\$ 288	per sample
Extra Data	37 M	10 Gbp		\$ 77	\$ 85	\$ 89	per sample

Illumina Library Prep

	Reads	Data	Turnaround	UC	Affiliate	External	
DNA			1-4 weeks approximate turnaround, depending on project size	\$ 110	\$ 121	\$ 126	per sample
mRNA, oligo-d(T)				\$ 200	\$ 220	\$ 230	per sample
RNAseq, RiboZero				\$ 250	\$ 275	\$ 288	per sample
Low Input (Add-on)				\$ 50	\$ 55	\$ 57	per sample
Hybridization Capture (Add-on)				\$ 100	\$ 110	\$ 115	per sample

10X

	Reads	Data	Turnaround	UC	Affiliate	External	
10x single cell chip				\$ 500	\$ 550	\$ 2,385	per sample
10x 3' library gel bead kit v2				\$ 2,070	\$ 2,277	\$ 3,900	per sample

PacBio

	Reads	Data	Turnaround	UC	Affiliate	External	
HMW Extraction			2 weeks	\$ 1,500	\$ 1,650	\$ 1,725	per sample
HiFi/Long Read Lib Prep			2-3 weeks, depending on project size	\$ 700	\$ 770	\$ 805	per sample
IsoSeq Lib Prep				\$ 700	\$ 770	\$ 805	per sample
Amplicon Lib Prep				\$ 600	\$ 660	\$ 690	per sample
Sequel 8M SMRT Cell	5 M	20/90 Gbp	~2 weeks (when 4 cells)	\$ 2,000	\$ 2,200	\$ 2,300	per cell

Custom Services

	Reads	Data	Turnaround	UC	Affiliate	External	
Hourly Cost				\$ 100	\$ 110	\$ 115	per hour

Turnaround times are estimates based on historical throughput, not guarantees of service.

Affiliate Institutions:
LBNL, LLNL, JGI, CHORI, Mills

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Illumina Sequencing

	Reads	Data	Run Frequency	UC	Affiliate	External	
MiSeq v2 Nano 300SR/150PE	1 M	300 Mbp	1-2 weeks	\$ 620	\$ 682	\$ 713	per lane
MiSeq v3 150SR/75PE	20 M	3 Gbp		\$ 1,730	\$ 1,903	\$ 1,989	per lane
MiSeq v3 300PE	20 M	12 Gbp		\$ 3,000	\$ 3,300	\$ 3,450	per lane
HiSeq4000 50SR	350 M	17.5 Gbp	~1 month (when 8 lanes)	\$ 1,600	\$ 1,760	\$ 1,840	per lane
NextSeq P1 150PE	100 M	30 Gbp	1-2 weeks	\$ 3,640	\$ 4,004	\$ 4,186	per lane
NextSeq P2 100SR/10X	400 M	40 Gbp		\$ 3,770	\$ 4,147	\$ 4,336	per lane
NextSeq P2 100PE	400 M	80 Gbp		\$ 5,310	\$ 5,841	\$ 6,106	per lane
NextSeq P2 150PE	400 M	120 Gbp		\$ 6,930	\$ 7,623	\$ 7,969	per lane
NextSeq P3 50SR	1.2 G	60 Gbp		\$ 4,710	\$ 5,181	\$ 5,417	per lane
NextSeq P3 100SR/10X	1.2 G	120 Gbp		\$ 5,910	\$ 6,501	\$ 6,796	per lane
NextSeq P3 100PE	1.2 G	240 Gbp		\$ 7,960	\$ 8,756	\$ 9,154	per lane
NextSeq P3 150PE	1.2 G	360 Gbp		\$ 9,760	\$ 10,736	\$ 11,224	per lane
Custom Read Primer				\$ 360	\$ 396	\$ 414	per lane
Custom Index Primer			\$ 360	\$ 396	\$ 414	per lane	
NovaSeq SP 100SR/10x	400 M	40 Gbp	1-2 weeks	\$ 2,270	\$ 2,497	\$ 2,611	per lane
NovaSeq SP 100PE	400 M	80 Gbp	when 2 lanes	\$ 2,770	\$ 3,047	\$ 3,185	per lane
NovaSeq SP 150PE	400 M	120 Gbp	3 weeks	\$ 2,930	\$ 3,223	\$ 3,369	per lane
NovaSeq SP 250PE	400 M	200 Gbp	when 2 lanes	\$ 4,160	\$ 4,576	\$ 4,784	per lane
NovaSeq S1 100SR/10x	1 G	100 Gbp	1 month	\$ 3,280	\$ 3,608	\$ 3,772	per lane
NovaSeq S1 100PE	1 G	200 Gbp	when 2 lanes	\$ 4,070	\$ 4,477	\$ 4,681	per lane
NovaSeq S1 150PE	1 G	300 Gbp	when 2 lanes	\$ 4,390	\$ 4,829	\$ 5,049	per lane
NovaSeq S4 35SR	1 G	35 Gbp	when 4 lanes	\$ 4,200	\$ 4,620	\$ 4,830	per lane
NovaSeq S4 150PE	3 G	900 Gbp	2 weeks	\$ 6,500	\$ 7,150	\$ 7,475	per lane

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QC Services

Quantification

	UC	Affiliate	External	
Qubit	\$	7 \$	8 \$	8
qPCR	\$	14 \$	15 \$	16
dPCR	\$	14 \$	15 \$	16

Fragment Analysis

	UC	Affiliate	External	
Fragment Analyzer	\$	9 \$	10 \$	10
Bioanalyzer (rec. for RNA)	\$	14 \$	15 \$	16
Femto Pulse (HMW)	\$	44 \$	48 \$	51

Purification

	UC	Affiliate	External	
Bead Clean	\$	38 \$	42 \$	44
Pippin Size Selection	\$	50 \$	55 \$	57

CGRL

	UC	Affiliate	
Vector/Rosalind – Up to 5 users	\$	270 \$	405
Vector/Rosalind – Additional User	\$	55 \$	83

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