

QB3 Genomics Rates (Jul '23 - Jun '24)

<b>Illumina By-the-Sample</b>						
(Prep + 150PE Illumina Data)	Reads	Data	Turnaround	UC	Affiliate	External
DNAseq	33 M	10 Gbp	3-6 weeks	\$154	\$169	\$180 per sample
RNAseq (poly-A selection)	25 M	7.5 Gbp	4-6 weeks	\$212	\$233	\$248 per sample
RNAseq (w ribodepletion)	25 M	7.5 Gbp	5-7 weeks	\$265	\$292	\$310 per sample
Human Genome (30x)	400 M	120 Gbp	3-6 weeks	\$650	\$715	\$761 per sample
Human Exome (100x)	17 M	5 Gbp	5-8 weeks	\$230	\$253	\$269 per sample
Extra Data/Sequencing Only	37 M	10 Gbp	2-5 weeks*	\$54	\$59	\$63 per sample

\*Turnaround time only applies when ordering by-the-sample sequencing, not when ordering extra data on a full service submission.

<b>Illumina Library Prep</b>			Turnaround	UC	Affiliate	External
DNA			1-4 weeks	\$100	\$110	\$117 per sample
mRNA, oligo-d(T)			1-4 weeks	\$176	\$194	\$206 per sample
RNAseq, Ribodepletion*			2-5 weeks	\$229	\$252	\$268 per sample
Low Input, including FFPE (Add-on)				\$50	\$55	\$59 per sample
Hybridization Capture (Add-on)			+2 weeks	\$100	\$110	\$117 per sample

\*Human/Mouse/Rat - contact us for custom ribodepletion

<b>10X Preps</b>		Turnaround	UC	Affiliate	External
10x single cell chip		2-3 weeks	\$500	\$550	\$1,472 per sample
10x 3' library gel bead kit v2			\$2,000	\$2,200	\$6,325 per sample

<b>PacBio</b>						
	Reads	Data	Turnaround	UC	Affiliate	External
HMW Extraction			2-4 weeks	\$1,500	\$1,650	\$1,755 per sample
HiFi/Long Read Lib Prep			1-3 weeks	\$700	\$770	\$819 per sample
IsoSeq Lib Prep			1-3 weeks	\$700	\$770	\$819 per sample
Amplicon Lib Prep			1-3 weeks	\$600	\$660	\$702 per sample
Sequel 8M SMRT Cell	5 M	20/90 Gbp	1-3 weeks	\$2,000	\$2,200	\$2,340 per cell

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

Affiliates: LBNL, LLNL, JGI, CHORI, Mills

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<b>Illumina Sequencing</b>	<b>Reads</b>	<b>Data</b>	<b>Turnaround</b>	<b>UC</b>	<b>Affiliate</b>	<b>External</b>
MiSeq v2 Nano 300SR/150PE	1 M	300 Mbp	1-2 weeks	\$620	\$682	\$725 per lane
MiSeq v2 Micro 300SR/150PE	4 M	1200 Mbp	1-2 weeks	\$1,110	\$1,221	\$1,299 per lane
MiSeq v2 150PE	12 M	3.6 Gbp	1-2 weeks	\$1,860	\$2,046	\$2,176 per lane
MiSeq v2 250PE	12 M	6 Gbp	1-2 weeks	\$2,250	\$2,475	\$2,633 per lane
MiSeq v3 150SR/75PE	20 M	3 Gbp	1-2 weeks	\$1,730	\$1,903	\$2,024 per lane
MiSeq v3 300PE	20 M	12 Gbp	1-2 weeks	\$2,995	\$3,295	\$3,504 per lane
HiSeq 4000 50SR	350 M	17.5 Gbp	4-8 weeks	\$1,600	\$1,760	\$1,872 per lane
NextSeq 2000 P1 150PE	100 M	30 Gbp	1-2 weeks	\$1,970	\$2,167	per lane
NextSeq 2000 P1 300PE	100 M	60 Gbp	1-2 weeks	\$3,070	\$3,377	per lane
NextSeq 2000 P2 100SR/10X	400 M	40 Gbp	1-2 weeks	\$2,160	\$2,376	per lane
NextSeq 2000 P2 100PE	400 M	80 Gbp	1-2 weeks	\$3,460	\$3,806	per lane
NextSeq 2000 P2 150PE	400 M	120 Gbp	1-2 weeks	\$4,600	\$5,060	per lane
NextSeq 2000 P2 300PE	300 M	180 Gbp	1-2 weeks	\$5,250	\$5,775	per lane
NextSeq 2000 P3 50SR	1.2 G	60 Gbp	1-2 weeks	\$3,020	\$3,322	per lane
NextSeq 2000 P3 100SR/10X	1.2 G	120 Gbp	1-2 weeks	\$4,060	\$4,466	per lane
NextSeq 2000 P3 100PE	1.2 G	240 Gbp	1-2 weeks	\$5,600	\$6,160	per lane
NextSeq 2000 P3 150PE	1.2 G	360 Gbp	1-2 weeks	\$7,410	\$8,151	per lane
NextSeq 2000 Custom Read Primer				\$350	\$385	per lane
NextSeq 2000 Custom Index Primer				\$350	\$385	per lane
NovaSeq 6000 SP 100SR/10x	400 M	40 Gbp	1-3 weeks	\$2,230	\$2,453	\$2,609 per lane
NovaSeq 6000 SP 100PE	400 M	80 Gbp	1-3 weeks	\$2,750	\$3,025	\$3,218 per lane
NovaSeq 6000 SP 150PE	400 M	120 Gbp	1-3 weeks	\$2,880	\$3,168	\$3,370 per lane
NovaSeq 6000 SP 250PE	400 M	200 Gbp	2-4 weeks	\$4,590	\$5,049	\$5,370 per lane
NovaSeq 6000 S1 100SR/10x	1 G	100 Gbp	1-4 weeks	\$3,660	\$4,026	\$4,282 per lane
NovaSeq 6000 S1 100PE	1 G	200 Gbp	1-4 weeks	\$4,600	\$5,060	\$5,382 per lane
NovaSeq 6000 S1 150PE	1 G	300 Gbp	1-4 weeks	\$4,860	\$5,346	\$5,686 per lane
NovaSeq 6000 S4 35SR	1 G	35 Gbp	4 lanes*	\$4,400	\$4,840	\$5,148 per lane
NovaSeq 6000 S4 150PE	3 G	900 Gbp	1-3 weeks	\$6,440	\$7,084	\$7,535 per lane
NovaSeq X 10B 100SR/10X	1.25 G	125 Gbp	2 weeks	\$1,420	\$1,562	\$1,661 per lane
NovaSeq X 10B 150PE	1.25 G	375 Gbp	2 weeks	\$2,020	\$2,222	\$2,363 per lane

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QC Services				
Quantification	Turnaround	UC	Affiliate	External
Qubit	3-7 business days	\$7	\$8	\$8 per sample
qPCR	1-5 business days	\$14	\$15	\$16 per sample
dPCR	1-5 business days	\$14	\$15	\$16 per sample

Fragment Analysis				
	Turnaround	UC	Affiliate	External
Fragment Analyzer	3–5 business days*	\$10	\$11	\$12 per sample
Bioanalyzer (rec. for RNA)	5–8 business days	\$15	\$17	\$18 per sample
Femto Pulse (HMW)	2 weeks	\$45	\$50	\$53 per sample

\*1-6000bp only. For large fragments (6-50kbp) allow 2 weeks.

Purification				
		UC	Affiliate	External
Bead Clean		\$38	\$42	\$44 per sample
Pippin Size Selection		\$50	\$55	\$59 per sample

Custom Services				
		UC	Affiliate	External
Hourly Cost		\$100	\$110	\$117 per hour

CGRL				
		UC	Affiliate	
Up to 5 users		\$270	\$405	per 2 months
Additional User		\$55	\$83	per 2 months