

Sequencing Technology	Platform	Data type	N50 Read Length	Max Read Length	Throughput / flow cell (Gb) Mean	Throughput / flow cell (Gb) Max	Cost/Gb (\$/Gb)
Pacific Biosciences (PacBio)	Sequel II	CLR	30-60	>200	50-100	160	13-26
Oxford Nanopore Technologies (ONT)	MinION	Long	10-60	>1,000	2-20	30	50-500
Illumina (ILMN)	NovaSeq 6000	Single-end	0.05-0.25	0.25	65-3,000	>3,000	10-35
Fire Monkey use +	Sequel II	CLR	25	n/a	139	n/a	9.4
Fire Monkey use +	MinION	Long	45.8	n/a	25.6	n/a	39.1
Fire Monkey use +	MinION	Long	36.7	n/a	28.5	n/a	35.1

CLR = continuous long-read. Adapted from Logsdon *et al* 2020 Long Read Human Genome Sequencing and its Applications. Source; Nature Review Genetics (21) 597-614 plus RevoluGen data. All cost estimates exclude the cost of labour, instrumentation, maintenance, and computer resources.