

SAMRC Genomics Platform

Next generation sequencing price list

The SAMRC Genomics Platform is a state-of-the-art sequencing facility that offers a range of next generation sequencing (NGS) services using MGI technology.

| Service | Recommended sample input | External excl. VAT | Internal excl. VAT* |
|--|--|--------------------|---------------------|
| RNA extraction | | R360 | R287 |
| DNA extraction | | R360 | R287 |
| Globin depletion (optional addition to RNA-Seq) | | R810 | R762 |
| RNA-Seq (includes rRNA depletion, 30M PE reads) | 1ug RNA, $\geq 12.5\text{ng/ul}$, RIN ≥ 7 | R4 000 | R3 440 |
| Low input RNA-Seq | | R4 300 | R3 600 |
| Exome sequencing (MGI v5 probes, 45M PE reads) | 500ng gDNA, $\geq 12.5\text{ng/ul}$, DIN ≥ 3 | R4 500 | R3 900 |
| Whole genome bisulfite sequencing | 1ug gDNA, $\geq 12.5\text{ng/ul}$, DIN ≥ 3 | R16 500 | R14 250 |
| Whole genome sequencing (Human, 300M PE reads) | 1ug gDNA, $\geq 12.5\text{ng/ul}$, DIN ≥ 3 | R18 400 | R16 600 |
| Metagenomics sequencing (~100M PE reads) | 500ng gDNA, $\geq 12.5\text{ng/ul}$ | R 5 900 | R5 094 |
| Metagenomics sequencing (~50M PE reads) | 500ng gDNA, $\geq 12.5\text{ng/ul}$ | R3 980 | R3 097 |
| Metagenomics sequencing (~20M PE reads) | 500ng gDNA, $\geq 12.5\text{ng/ul}$ | R2 917 | R2 192 |

*Special internal pricing applies to SAMRC clients paying via internal requisition.

Consultation/quote requests:

Other NGS-based services are available on request. Please contact Nadia.carstens@mrc.ac.za or phindile.ngwane@mrc.ac.za for further information or quotations.

Year-end deadlines

- Samples that reach the Genomics Platform after 1 November 2024 may only be processed in January 2025 due to the large sample volumes we typically receive at this time of the year.
- For internal clients: proof of payment via internal requisition needs to reach us by 31 December 2024 for funds that are to be spent in the current financial year (FY24/25).