2024 Pilot Sequencing Program

Subsidy Explainer

The UMGC has partnered with Illumina and 10X Genomics to subsidize pilot sequencing projects for UMN researchers. These subsidies come in the form of no-cost reagents from Illumina and 10X Genomics, which can be used for both library prep and sequencing reagents or just sequencing reagents.

Subsidy Example 1:

*Illumina library prep reagents + Illumina sequencing reagents (400 M reads or less) + up to $500 UMGC labor costs*

Qualifying library prep kits:

- Illumina DNA Prep
- Illumina Nextera XT
- Illumina DNA Prep + Enrichment (Exome)
- Illumina Stranded mRNA
- Illumina Stranded Total RNA Ligation w/RiboZero Plus

Subsidy Example 2:

*10X Genomics library prep reagents + Illumina sequencing reagents (1.2 B reads or less) + up to $500 UMGC labor costs*

Qualifying library prep kits:

- 10X Genomics 3’ Gene Expression
- 10X Genomics 5’ Gene Expression
- 10X Genomics Gene Expression Flex

Subsidy Example 3:

*Illumina sequencing reagents + up to $500 UMGC labor costs*

Pilot projects that do not use a qualifying kit can still use the sequencing subsidies. The amount of sequencing is tiered based on the type of pilot project, with single-cell at 1.2 B reads or less and all other pilots at 400 M reads or less. *Types of projects include Parse, ATAC-Seq, Tn-Seq, pre-made libraries, 10X Genomics Visium, NanoString GeoMx, and 16S/18S Sequencing, to name just a few.*