

# 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:**

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*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:**

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*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:**

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*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.*