

## FY23 Molecular Bioinformatics Core (mBIO) Services and Fees

*Note: Prices will increase by 3% each fiscal year.*

The pricing structure listed below is effective as of July 1, 2022.  
For all custom projects, please consult the mBIO core director for a quote.

### Standard data analysis workflows:

Workflow	Cost
ATAC-seq	\$97.63 <i>per sample</i> [includes QC (\$5.15), alignment (\$10.30), peak calling (\$34.90), peak annotation (\$23.64), and peak modeling (\$23.64)] Add \$33.88 if you need differential binding. Figures are extra.
ChIP-seq	\$97.63 <i>per sample</i> ([includes QC (\$5.15), alignment (\$10.30), peak calling (\$34.90), peak annotation (\$23.64), and peak modeling (\$23.64)]. Add \$33.88 if you need differential binding. Figures are extra.
<i>DeNovo</i> Assembly	\$1,159.28 <i>per sample</i>
Differential Proteomics	\$203.74 (two conditions x three replicates/condition) [normalization (\$23.64), bio-statistics (\$34.90), iPathway Guide (\$84.42), PCA (\$23.64), volcano Plot (\$12.38), Pearson's plot (\$12.38), and heatmap (\$12.38)]
IP Proteomics	\$178.98 (two conditions x three replicates/condition) [normalization (\$23.64), bio-statistics (\$34.90), iPathway Guide (\$84.42), PCA (\$23.64), and Pearson's plot (\$12.38)]
Microarray Analysis	\$203.74 (two conditions x three replicates/condition) [normalization (\$23.64), bio-statistics (\$34.90), iPathway Guide (\$84.42), PCA (\$23.64), volcano Plot (\$12.38), Pearson's plot (\$12.38), and heatmap (\$12.38)]
RNA Sequencing	\$296.44 (two conditions x three replicates/condition) [includes QC (\$5.15 x 6), alignment (\$10.30 x 6), normalization (\$23.64), Biostatistics (\$34.90), iPathway Guide (\$84.42), PCA (\$23.64), Volcano Plot (\$12.38), Pearson's plot (\$12.38), and Heatmap (\$12.38)]
scRNA Sequencing	\$316.42 (two conditions x three replicates/condition) [includes QC (\$5.15 x 6), alignment (\$10.30 x 6), normalization (\$23.64), bio-statistics (\$34.90), PCA (\$23.64), Advance Clustering (\$51.50), and 2 hours of customizing scripting to mine genes (\$90.04)]
Targeted Sequencing	\$15.45 <i>per sample</i> [includes QC (\$5.15) and alignment (\$10.30)]
Whole Genome Sequencing	\$102.11 <i>per sample</i> [includes QC (\$5.15), alignment (\$10.30), and variant calls (\$86.66)]
Whole Exome Sequencing	\$102.11 <i>per sample</i> [includes QC (\$5.15), alignment (\$10.30), and variant calls (\$86.66)]

**Individual Tasks:**

<b>Service</b>	<b>Cost</b>
Advanced Clustering	\$51.50 per experiment
Alignment	\$10.30 per sample
Biostatistics	\$34.90 per paired condition
Custom Scripting	\$45.02 per hour (1 hour min)
Data Mining	\$81.03 per hour (1 hour min)
David Pathway Analysis	\$57.40 per paired comparison
Gene Set Enrichment Analysis	\$86.66 per paired comparison
GEO Upload Support	\$231.86 per experiment
Hands-On Training	\$70 per hour
Heatmap	\$12.38 per image
lpathway Guide Analysis	\$84.42 per comparison
Pearson's correlation coefficient	\$12.38 per image
Principal Components Analysis (PCA)	\$23.64 per image
Quality Control Assurance	\$5.15 per sample
String Analysis	\$56.28 per comparison
Variant Calls	\$86.66 per sample
Venn Diagram	\$12.38 per image
Volcano Plot	\$12.38 per image
Experiment Design Assistance or Consultation	No charge for two hours; \$90/hr. afterward, or allocation of at least 5% percent effort on a grant as key personnel

**GraphPad Prism 9.0 software site license:** \$113.30/copy/computer/year  
(Mac or PC)

**Local, long-term data storage:** \$100/TB for 3-years of mirrored storage

**External customers:**

External, academic: 20% surcharge

External, commercial: To be negotiated directly with the Office of Research