

## FY24 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, 2023. For all custom projects, please consult the mBIO core director for a quote.

### Standard data analysis workflows:

Workflow	Cost
ATAC-seq	\$100.56 <i>per sample</i> [includes QC (\$5.30), alignment (\$10.61), peak calling (\$35.95), peak annotation (\$24.35), and peak modeling (\$24.35)] Add \$34.90 if you need differential binding. Figures are extra.
ChIP-seq	\$100.53 <i>per sample</i> ([includes QC (\$5.30), alignment (\$10.60), peak calling (\$35.95), peak annotation (\$24.35), and peak modeling (\$24.35)]. Add \$35.95 if you need differential binding. Figures are extra.
<i>DeNovo</i> Assembly	\$1,194.06 per sample
Differential Proteomics	\$272.90 (two conditions x three replicates/condition) [normalization (\$24.35), biostatistics (\$35.95), iPathway Guide (\$150), PCA (\$24.35), volcano Plot (\$12.75), Pearson's plot (\$12.75), and heatmap (\$12.75)]
IP Proteomics	\$272.90 (two conditions x three replicates/condition) [normalization (\$24.35), biostatistics (\$35.95), iPathway Guide (\$150), PCA (\$24.35), and Pearson's plot (\$12.75)]
Microarray Analysis	\$272.90 (two conditions x three replicates/condition) [normalization (\$24.35), biostatistics (\$35.95), iPathway Guide (\$150), PCA (\$24.35), volcano Plot (\$12.75), Pearson's plot (\$12.75), and heatmap (\$12.75)]
RNA Sequencing	\$368.30 (two conditions x three replicates/condition) [includes QC (\$5.30 x 6), alignment (\$10.60 x 6), normalization (\$24.35), Biostatistics (\$35.95), iPathway Guide (\$150), PCA (\$24.35), Volcano Plot (\$12.75), Pearson's plot (\$12.75), and Heatmap (\$12.75)]
scRNA Sequencing	\$450.55 (Per Comparison) [includes QC (\$5.30), alignment (\$10.60), normalization (\$24.35), biostatistics (\$35.95), PCA (\$24.35), Advance Clustering (\$75), pseudotime map (\$75) and 4 hours of customizing scripting to mine genes (\$200)]
Targeted Sequencing	\$15.90 per sample [includes QC (\$5.30) and alignment (\$10.60)]
Whole Genome Sequencing	\$105.16 per sample [includes QC (\$5.30), alignment (\$10.60), and variant calls (\$89.26)]
Whole Exome Sequencing	\$105.16 per sample [includes QC (\$5.30), alignment (\$10.60), and variant calls (\$89.26)]

**Individual Tasks:**

<b>Service</b>	<b>Cost</b>
Advanced Clustering	\$75 per experiment
Alignment	\$10.60 per sample
Biostatistics	\$35.95 per paired condition
Custom Scripting	\$50 per hour (1 hour min)
Data Mining	\$100 per hour (1 hour min)
David Pathway Analysis	\$59.12 per paired comparison
Gene Set Enrichment Analysis	\$89.26 per paired comparison
GEO Upload Support	\$275 per experiment
Hands-On Training	\$100 per hour
Heatmap	\$12.75 per image
iPathway Guide Analysis	\$150 per comparison
Pearson's correlation coefficient	\$12.75 per image
Principal Components Analysis (PCA)	\$24.35 per image
Quality Control Assurance	\$5.30 per sample
String Analysis	\$60 per comparison
Variant Calls	\$89.26 per sample
Venn Diagram	\$12.75 per image
Volcano Plot	\$12.75 per image
Experiment Design Assistance or Consultation	No charge for two hours; \$100/hr. afterward, unless allocation of at least 5% percent effort with salary coverage on a grant per year as key personnel in budget. Service fees are billed separately from the Director's effort.
Grant writing & manuscript writing assistance	Minimum of 5% effort salary coverage per year as key personnel in budget. Service fees are billed separately from the Director's effort. <i>It is also expected that intellectual input of the Director will warrant authorship.</i>

**GraphPad Prism 9.0 software site license:** \$120/copy/computer/year  
 (Mac or PC; Partial year use will be pro-rated; note: license is tied to a specific device address)

**Local, long-term data storage:** \$103/TB for 3-years of mirrored storage

**Special projects:** Priced by the director and approved by the Office of Research

**External customers rates:**  
 External, academic: 20% surcharge  
 External, commercial: To be negotiated directly with the Office of Research