



FY21 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, 2020. For all custom projects, please consult the mBIO Core Director for a quote.

Standard data analysis workflows:

Workflow	Cost
Whole Genome Sequencing	\$89.88 per sample (includes QC, alignment, variant calls)
Whole Exome Sequencing	\$89.88 per sample (includes QC, alignment, variant calls)
RNA Sequencing	\$366.83 (includes QC normalized data, two conditions x three replicates/condition, with pathway analysis and images)
Microarray Analysis	\$156.46 (includes two conditions x three replicates/condition, with pathway analysis and images)
Differential Proteomics	\$156.46 (includes normalized data, two conditions x three replicates/condition, with pathway analysis and images)
ChIP-seq	\$145.29 per sample (includes QC, alignment, peak calling, peak annotation, peak modeling)
ATAC-seq	\$114.28 per sample (includes QC, alignment, peak calling, peak annotation, peak modeling)
Targeted Sequencing	\$36.83 per sample (includes QC, alignment)
DeNovo Assembly	\$1,092.73 per sample

Individual Tasks:

Service	Cost
Quality Control Assurance	\$5 per sample
Alignment	\$31.83 per sample
Biostatistics	\$32.89 per condition
Variant Calls	\$530.50 per sample
I-Pathway Guide Analysis	\$79.57 per paired condition
String Analysis	\$53.05 per paired condition
Gene Set Enrichment Analysis	\$81.69 per paired condition
DAVID Pathway Analysis	\$54.11 per paired condition
Heatmap	\$11.67 per image
Principal Components Analysis (PCA)	\$22.28 per paired condition
Pearson's correlation coefficient	\$11.67 per image
Venn Diagram	\$11.67 per image
Volcano Plot	\$11.67 per image
Data Mining	\$76.38 per hour
Custom Scripting	\$42.44 per hour
Hands-On Training	\$85 per hour
GEO Upload Support	\$250 per experiment

Experiment Design Assistance or Consultation	No charge for two hours; \$85/hr. afterward, or allocation of at least 5% percent effort on grant as key personnel
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GraphPad Prism 8.0 software site license: \$110/copy/computer/year
(Mac or PC)

External customers:

External, academic: 20% surcharge

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