



FY20 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, 2019. For all custom projects, please consult the mBIO Core Director for a quote.

Standard data analysis workflows:

Workflow	Cost
Whole Genome Sequencing	\$131.84 per sample (includes QC, alignment, variant calls)
Whole Exome Sequencing	\$131.84 per sample (includes QC, alignment, variant calls)
RNA Sequencing	\$491.44 (includes QC normalized data, two conditions x three replicates/condition, with pathway analysis and images)
Microarray Analysis	\$135.96 (includes two conditions x three replicates/condition, with pathway analysis and images)
Differential Proteomics	\$166.96 (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	\$145.29 per sample (includes QC, alignment, peak calling, peak annotation, peak modeling)
Targeted Sequencing	\$52.53 per sample (includes QC, alignment)
DeNovo Assembly	\$1,060.90 per sample

Individual Tasks:

Service	Cost
Quality Control Assurance	\$21.63 per sample
Alignment	\$30.90 per sample
Biostatistics	\$31.93 per condition
Variant Calls	\$79.31 per sample
I-Pathway Guide Analysis	\$58.71 per paired condition
String Analysis	\$51.50 per paired condition
Gene Set Enrichment Analysis	\$79.31 per paired condition
DAVID Pathway Analysis	\$52.53 per paired condition
Heatmap	\$11.33 per image
Principal Components Analysis (PCA)	\$21.63 per paired condition
Pearson's correlation coefficient	\$11.33 per image
Venn Diagram	\$11.33 per image
Volcano Plot	\$11.33 per image
Data Mining	\$74.16 per hour
Custom Scripting	\$41.20 per hour
Hands-On Training	\$79.31 per hour
GEO Upload Support	\$212.18 per experiment

Gene Ontology (GO) Analysis	\$60 per paired condition
Experiment Design Assistance or Consultation	No charge for two hours; \$79.31/hr. afterward, or allocation of at least 5% percent effort on grant as key personnel

GraphPad Prism 8.0 software site license: \$139.05/copy/computer/year
(Mac or PC)

External customers:

External, academic: 50% surcharge

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