



FY19 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, 2018. For all custom projects, please consult the mBIO Core Director for a quote.

Standard data analysis workflows:

Workflow	Cost
Whole Genome Sequencing	\$128 per sample (includes QC, alignment, variant calls)
Whole Exome Sequencing	\$555 (include QC, normalized data, two conditions x three replicates/condition, with pathway analysis and images)
RNA Sequencing	\$555 (includes QC normalized data, two conditions x three replicates/condition, with pathway analysis and images)
Microarray Analysis	\$131 (includes two conditions x three replicates/condition, with pathway analysis and images)
Differential Proteomics	\$161 (includes normalized data, two conditions x three replicates/condition, with pathway analysis and images)
ChIP-seq	\$124 per sample (includes QC, alignment, peak calling, peak annotation, peak modeling)
ATAC-seq	\$124 per sample (includes QC, alignment, peak calling, peak annotation, peak modeling)
Targeted Sequencing	\$51 per sample (includes QC, alignment)
DeNovo Assembly	\$1,030 per sample

Individual Tasks:

* Reduced pricing for specific tasks effective for FY19 (reflects reduced costs to the core to offer services)

Service	Cost
Quality Control Assurance	\$21 per sample
Alignment*	\$30 per sample*
Biostatistics	\$31 per condition
Variant Calls	\$77 per sample
I-Pathway Guide Analysis*	\$57 per paired condition*
String Analysis	\$52 per paired condition
Gene Set Enrichment Analysis	\$77 per paired condition
DAVID Pathway Analysis	\$51 per paired condition
Heatmap	\$11 per image
Principal Components Analysis (PCA)	\$21 per paired condition
Pearson's correlation coefficient	\$11 per image
Venn Diagram	\$11 per image
Volcano Plot	\$11 per image
Custom Scripting / Data Mining	\$72 per hour
Training	\$72 per hour

GEO Upload Support	\$206 per experiment
Experiment Design Assistance or Consultation	No charge for two hours; \$72/hr. afterward, or allocation of at least 5% percent effort on grant as key personnel

Long-term local secure storage of data: \$0.13/GB

GraphPad Prism 7.0 software site license: \$135/copy/computer/year
(Mac or PC)

External customers:

External, academic: 50% surcharge

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