



Call 740-593-1120

The facility has a Stratagene Mx3000P QPCR machine that offers four channels with customizable filters for multiplexing simultaneous targets. The MxPro QPCR software is powerful and flexible allowing the researchers to perform various functions needed for their research.

The personnel at the facility provide training and help with the experimental design.

The facility has dedicated computer workstations with software like Vector NTI and Genespring. special bioinformatics needs including customized programs for researchers can also be addressed here at the OU Genomics Facility in conjunction with the OU Bioinformatics group.

For more information contact the OU Genomics Facility.

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The Ohio University Genomics Facility

Genomic Solutions, Now



The OU Genomics Facility was created to enhance research productivity by providing rapid and accurate genomic data to the researchers at Ohio University and outside the community in a cost effective manner.



From DNA to sequence for \$ 6.50!!!

The Genomics facility produces high quality DNA sequences in a time span of 1-2 business days. The facility has an Applied Biosystems [3130xl Genetic Analyzer](#) with 16 capillary through put, providing automated DNA sequencing, fragment analysis, microsatellite analysis, Genotyping, AFLP, SNP screening and validation. The facility will perform the sequencing reactions on the BioRad Dyad Peltier Thermal cycler and resolve the DNA samples on the sequencer.



Full service DNA sequencing, from sequencing reaction, cleaning and resolving costs \$6.50. We also offer Cell to sequence service and plate sequencing.



The facility has a Agilent 2100 Bioanalyzer for quick analysis of DNA, RNA and proteins. This microfluidic station can be used to address various questions including verifying RNA integrity using nanogram or pictogram of the sample, PCR product analysis, gene expression analysis, GMO detection, forensic testing, clinical research like genotyping of *H.pylori* etc.



The facility also has the Nanodrop ND-1000 spectrophotometer for measuring the

absorbance of DNA, RNA, dyes, proteins and cell culture OD from a 1µl of sample. No dilutions, no cuvettes or capillaries needed.



DNA array + processing costs approximately ~\$ 525

(contact the OU Genomics facility for exact pricing for your research needs).

Design your own set of probes and get them printed, even on a single array, for no extra cost. Agilent uses 60 mer probes increasing the sensitivity of your reaction 8 times when compared to 25-mer technology. This system also allows dual color and single color array experiments giving researchers more flexibility in their experimental design

For pricing, additional information and services contact OU Genomics Facility.