



## BILLING RATES - FY 15/16

**DEPARTMENT NAME :**  
**Clemson University Genomics Institute (CUGI)**

**VICE-PRESIDENT AREA :**  
**Public Service Activities**

DESCRIPTION OF COMMODITY OR SERVICE :	UNIT OF BILLING	FY 15/16 RATE	CUSTOMERS BEING SERVED
<b>BAC CENTER</b>			
<b>Clemson University Depts &amp; Federal Sponsors</b>			
BAC Insert Sizing	Clone	\$7.50	CU Depts & Federal Sponsors
BAC Library Construction (Master + 1 copy)	Quote	Quote	CU Depts & Federal Sponsors
BAC Library Copy (by plate)	Plate	\$12.00	CU Depts & Federal Sponsors
BAC Library Filters	Filter	\$150.00	CU Depts & Federal Sponsors
BAC/EST Clone (1st Clone)	Clone	\$40.00	CU Depts & Federal Sponsors
BAC/EST Clone (each additional clone on single order)	Clone	\$10.00	CU Depts & Federal Sponsors
cDNA Library Construction (Master Only)	Quote	Quote	CU Depts & Federal Sponsors
Colony Arraying	Clone	\$0.15	CU Depts & Federal Sponsors
Fosmid Library Construction (Master Only)	Quote	Quote	CU Depts & Federal Sponsors
Low Copy DNA Isolation	Clone	\$2.25	CU Depts & Federal Sponsors
Microsatellite Library Construction (Master Only)	Quote	Quote	CU Depts & Federal Sponsors
Plate Decondensing	Plate	\$12.00	CU Depts & Federal Sponsors
Shotgun Library Construction (Master only)	Clone	\$250.00	CU Depts & Federal Sponsors
Storage of BAC/EST Clones (per box per year)	Box	\$100.00	CU Depts & Federal Sponsors
Genomic Southern Blot (1 sample, 2RE digest)	Sample	Quote	CU Depts & Federal Sponsors
Library Custom Rearray	Quote	Quote	CU Depts & Federal Sponsors
BAC Library Construction -- Transformation Only (unarrayed)	Quote	Quote	CU Depts & Federal Sponsors
TruSeq (RNAseq) Illumina Library Construction	Sample	\$300.00	CU Depts & Federal Sponsors
Metagenomic Fosmid Library Construction	Sample	Quote	CU Depts & Federal Sponsors
Recombinant Clone Plating and Pooling (per Q-tray)	Sample	\$12.00	CU Depts & Federal Sponsors
PCR Amplification and Sizing via Agarose gel Electrophoresis (per primer pair)	Sample	Quote	CU Depts & Federal Sponsors
Genomic DNA Isolation for Illumina Sequencing (bacterial)	Sample	\$28.00	CU Depts & Federal Sponsors
Nextera PE Library Construction	Library	\$200.00	CU Depts & Federal Sponsors
Nextera MP Library Construction	Library	\$320.00	CU Depts & Federal Sponsors
384-well Plate Pooling	Sample	\$14.00	CU Depts & Federal Sponsors
Custom Vector Preparation	Sample	Quote	CU Depts & Federal Sponsors
PCR Mediated, Site-directed Mutagenesis	Sample	\$28.00	CU Depts & Federal Sponsors
Affymetrix Microarray Gene Expression	Quote	Quote	CU Depts & Federal Sponsors
Affymetrix Microarray SNP Genotyping	Quote	Quote	CU Depts & Federal Sponsors
RNA Isolation	Sample	\$25.00	CU Depts & Federal Sponsors
<b>Non-Profit (External)</b>			
BAC Insert Sizing	Clone	\$8.75	Non-Profit (External)
BAC Library Construction (Master + 1 copy)	Quote	Quote	Non-Profit (External)
BAC Library Copy (by plate)	Plate	\$13.75	Non-Profit (External)
BAC Library Filters	Filter	\$175.00	Non-Profit (External)
BAC/EST Clone (1st Clone)	Clone	\$45.00	Non-Profit (External)
BAC/EST Clone (each additional clone on single order)	Clone	\$11.50	Non-Profit (External)
cDNA Library Construction (Master Only)	Quote	Quote	Non-Profit (External)
Colony Arraying	Clone	\$0.20	Non-Profit (External)
Fosmid Library Construction (Master Only)	Quote	Quote	Non-Profit (External)
Low Copy DNA Isolation	Clone	\$2.75	Non-Profit (External)
Microsatellite Library Construction (Master Only)	Quote	Quote	Non-Profit (External)
Plate Decondensing	Plate	\$14.00	Non-Profit (External)



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Shotgun Library Construction (Master only)	Clone	\$300.00	Non-Profit (External)
Storage of BAC/EST Clones (per box per year)	Box	\$115.00	Non-Profit (External)
Genomic Southern Blot (1 sample, 2RE digest)	Sample	Quote	Non-Profit (External)
Library Custom Rearray	Quote	Quote	Non-Profit (External)
BAC Library Construction -- Transformation Only (unarrayed)	Quote	Quote	Non-Profit (External)
TruSeq (RNAseq) Illumina Library Construction	Sample	\$336.00	Non-Profit (External)
Metagenomic Fosmid Library Construction	Sample	Quote	Non-Profit (External)
Recombinant Clone Plating and Pooling (per Q-tray)	Sample	\$13.44	Non-Profit (External)
PCR Amplification and Sizing via Agarose gel Electrophoresis (per primer pair)	Sample	Quote	Non-Profit (External)
Genomic DNA Isolation for Illumina Sequencing (bacterial)	Sample	\$31.36	Non-Profit (External)
Nextera PE Library Construction	Library	\$224.00	Non-Profit (External)
Nextera MP Library Construction	Library	\$358.40	Non-Profit (External)
384-well Plate Pooling	Sample	\$15.86	Non-Profit (External)
Custom Vector Preparation	Sample	Quote	Non-Profit (External)
PCR Mediated, Site-directed Mutagenesis	Sample	\$31.36	Non-Profit (External)
Affymetrix Microarray Gene Expression	Quote	Quote	Non-Profit (External)
Affymetrix Microarray SNP Genotyping	Quote	Quote	Non-Profit (External)
RNA Isolation	Sample	\$28.00	Non-Profit (External)
<b>Commercial (External)</b>			
BAC Insert Sizing	Clone	\$13.00	Commercial
BAC Library Construction (Master + 1 copy)	Quote	Quote	Commercial
BAC Library Copy (by plate)	Plate	\$20.00	Commercial
BAC Library Filters	Filter	\$250.00	Commercial
BAC/EST Clone (1st Clone)	Clone	\$70.00	Commercial
BAC/EST Clone (each additional clone on single order)	Clone	\$17.00	Commercial
cDNA Library Construction (Master Only)	Quote	Quote	Commercial
Colony Arraying	Clone	\$0.30	Commercial
Fosmid Library Construction (Master Only)	Quote	Quote	Commercial
Low Copy DNA Isolation	Clone	\$4.00	Commercial
Microsatellite Library Construction (Master Only)	Quote	Quote	Commercial
Plate Decondensing	Plate	\$20.00	Commercial
Shotgun Library Construction (Master only)	Clone	\$425.00	Commercial
Storage of BAC/EST Clones (per box per year)	Box	\$170.00	Commercial
Genomic Southern Blot (1 sample, 2RE digest)	Sample	Quote	Commercial
Library Custom Rearray	Quote	Quote	Commercial
BAC Library Construction -- Transformation Only (unarrayed)	Quote	Quote	Commercial
TruSeq (RNAseq) Illumina Library Construction	Sample	\$420.00	Commercial
Metagenomic Fosmid Library Construction	Sample	Quote	Commercial
Recombinant Clone Plating and Pooling (per Q-tray)	Sample	\$16.80	Commercial
PCR Amplification and Sizing via Agarose gel Electrophoresis (per primer pair)	Sample	Quote	Commercial
Genomic DNA Isolation for Illumina Sequencing (bacterial)	Sample	\$39.20	Commercial
Nextera PE Library Construction	Library	\$280.00	Commercial
Nextera MP Library Construction	Library	\$448.00	Commercial
384-well Plate Pooling	Sample	\$19.60	Commercial



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Custom Vector Preparation	Sample	Quote	Commercial
PCR Mediated, Site-directed Mutagenesis	Sample	\$39.20	Commercial
Affymetrix Microarray Gene Expression	Quote	Quote	Commercial
Affymetrix Microarray SNP Genotyping	Quote	Quote	Commercial
RNA Isolation	Sample	\$35.00	Commercial
<b>BIOINFORMATIC CENTER</b>			
<b>Clemson University Depts &amp; Federal Sponsors</b>			
Bioinformatic Consulting	Per Hour	\$110.00	CU Depts & Federal Sponsors
Functional Enrichment Analysis	Per Hour	\$110.00	CU Depts & Federal Sponsors
Genomic Database Development & Hosting	Per Hour	\$110.00	CU Depts & Federal Sponsors
Hybridization Deconvolution	Per Hour	\$110.00	CU Depts & Federal Sponsors
Marker Mining	Per Hour	\$110.00	CU Depts & Federal Sponsors
Microarray Analysis and Functional Profiling	Per Hour	\$110.00	CU Depts & Federal Sponsors
Next Generation Sequence Analysis	Per Hour	\$110.00	CU Depts & Federal Sponsors
Physical Mapping Assembly and Analysis	Per Hour	\$110.00	CU Depts & Federal Sponsors
Primer and Overgo Design	Per Hour	\$110.00	CU Depts & Federal Sponsors
Sequence Quality Control and Analysis	Per Hour	\$110.00	CU Depts & Federal Sponsors
Shotgun Sequence Assembly and Finishing	Per Hour	\$110.00	CU Depts & Federal Sponsors
Transcriptome Analysis	Per Hour	\$110.00	CU Depts & Federal Sponsors
Tripal Customization and Support	Per Hour	\$110.00	CU Depts & Federal Sponsors
Whole BAC Annotation	Per Hour	\$110.00	CU Depts & Federal Sponsors
<b>Non-Profit (External)</b>			
Bioinformatic Consulting	Per Hour	\$115.00	Non-Profit (External)
Functional Enrichment Analysis	Per Hour	\$115.00	Non-Profit (External)
Genomic Database Development & Hosting	Per Hour	\$115.00	Non-Profit (External)
Hybridization Deconvolution	Per Hour	\$115.00	Non-Profit (External)
Marker Mining	Per Hour	\$115.00	Non-Profit (External)
Microarray Analysis and Functional Profiling	Per Hour	\$115.00	Non-Profit (External)
Next Generation Sequence Analysis	Per Hour	\$115.00	Non-Profit (External)
Physical Mapping Assembly and Analysis	Per Hour	\$115.00	Non-Profit (External)
Primer and Overgo Design	Per Hour	\$115.00	Non-Profit (External)
Sequence Quality Control and Analysis	Per Hour	\$115.00	Non-Profit (External)
Shotgun Sequence Assembly and Finishing	Per Hour	\$115.00	Non-Profit (External)
Transcriptome Analysis	Per Hour	\$115.00	Non-Profit (External)
Tripal Customization and Support	Per Hour	\$115.00	Non-Profit (External)
Whole BAC Annotation	Per Hour	\$115.00	Non-Profit (External)
<b>Commercial (External)</b>			
Bioinformatic Consulting	Per Hour	\$175.00	Commercial
Functional Enrichment Analysis	Per Hour	\$175.00	Commercial
Genomic Database Development & Hosting	Per Hour	\$175.00	Commercial
Hybridization Deconvolution	Per Hour	\$175.00	Commercial
Marker Mining	Per Hour	\$175.00	Commercial
Microarray Analysis and Functional Profiling	Per Hour	\$175.00	Commercial
Next Generation Sequence Analysis	Per Hour	\$175.00	Commercial



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Physical Mapping Assembly and Analysis	Per Hour	\$175.00	Commercial
Primer and Overgo Design	Per Hour	\$175.00	Commercial
Sequence Quality Control and Analysis	Per Hour	\$175.00	Commercial
Shotgun Sequence Assembly and Finishing	Per Hour	\$175.00	Commercial
Transcriptome Analysis	Per Hour	\$175.00	Commercial
Tripal Customization and Support	Per Hour	\$175.00	Commercial
Whole BAC Annotation	Per Hour	\$175.00	Commercial
<b>PHYSICAL MAPPING CENTER</b>			
<b>Clemson University Depts &amp; Federal Sponsors</b>			
Agrose Fingerprinting	Clone	\$6.00	CU Depts & Federal Sponsors
DNA Fingerprinting (HICF) ( 1 - 19,999 order)	Clone	\$2.50	CU Depts & Federal Sponsors
DNA Fingerprinting (HICF) ( 20,000 - 99,999 order)	Clone	\$2.25	CU Depts & Federal Sponsors
DNA Fingerprinting (HICF) ( 100,000 + order)	Clone	\$2.00	CU Depts & Federal Sponsors
Hybridization	Probe	\$200.00	CU Depts & Federal Sponsors
Overgo Pooling Hybridization (Per 125 Probes)	Quote	Quote	CU Depts & Federal Sponsors
<b>Non-Profit (External)</b>			
Agrose Fingerprinting	Clone	\$7.25	Non-Profit (External)
DNA Fingerprinting (HICF) ( 1 - 19,999 order)	Clone	\$3.00	Non-Profit (External)
DNA Fingerprinting (HICF) ( 20,000 - 99,999 order)	Clone	\$2.75	Non-Profit (External)
DNA Fingerprinting (HICF) ( 100,000 + order)	Clone	\$2.50	Non-Profit (External)
Hybridization	Probe	\$240.00	Non-Profit (External)
Overgo Pooling Hybridization (Per 125 Probes)	Quote	Quote	Non-Profit (External)
<b>Commercial (External)</b>			
Agrose Fingerprinting	Clone	\$9.00	Commercial
DNA Fingerprinting (HICF) ( 1 - 19,999 order)	Clone	\$4.50	Commercial
DNA Fingerprinting (HICF) ( 20,000 - 99,999 order)	Clone	\$4.00	Commercial
DNA Fingerprinting (HICF) ( 100,000 + order)	Clone	\$3.50	Commercial
Hybridization	Probe	\$300.00	Commercial
Overgo Pooling Hybridization (Per 125 Probes)	Quote	Quote	Commercial
<b>SEQUENCING CENTER</b>			
<b>Clemson University Depts &amp; Federal Sponsors</b>			
DNA Seq: Ready to Load - no guarantee	Sample	\$1.65	CU Depts & Federal Sponsors
DNA Seq: Ready to Load with Printout - no guarantee	Sample	\$2.20	CU Depts & Federal Sponsors
DNA Seq: Print Out	Sample	\$0.55	CU Depts & Federal Sponsors
DNA Seq: High Copy from Purified DNA (1 - 19,999 order)	Sample	\$3.50	CU Depts & Federal Sponsors
DNA Seq: High Copy from Purified DNA (20,000 - 99,999 order)	Sample	\$3.30	CU Depts & Federal Sponsors
DNA Seq: High Copy from Purified DNA (100,000 + order)	Sample	\$3.10	CU Depts & Federal Sponsors
DNA Seq: Low Copy from Purified DNA (1 - 19,999 order)	Sample	\$3.95	CU Depts & Federal Sponsors
DNA Seq: Low Copy from Purified DNA (20,000 - 99,999 order)	Sample	\$3.75	CU Depts & Federal Sponsors



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DNA Seq: Low Copy from Purified DNA (100,000 + order)	Sample	\$3.55	CU Depts & Federal Sponsors
DNA Seq: High Copy from Bacterial Culture (1 - 96 order)	Sample	\$6.20	CU Depts & Federal Sponsors
DNA Seq: High Copy from Bacterial Culture (97 - 19,999 order)	Sample	\$3.50	CU Depts & Federal Sponsors
DNA Seq: High Copy from Bacterial Culture (20,000 - 99,999 order)	Sample	\$3.30	CU Depts & Federal Sponsors
DNA Seq: High Copy from Bacterial Culture (100,000 + order)	Sample	\$3.10	CU Depts & Federal Sponsors
Additional Primer Reactions for High Copy from Bacterial Culture	Sample	\$3.50	CU Depts & Federal Sponsors
DNA Seq: Low Copy from Bacterial Culture (1 - 96 order)	Sample	\$6.65	CU Depts & Federal Sponsors
DNA Seq: Low Copy from Bacterial Culture (97 - 19,999 order)	Sample	\$3.95	CU Depts & Federal Sponsors
DNA Seq: Low Copy from Bacterial Culture (20,000 - 99,999 order)	Sample	\$3.75	CU Depts & Federal Sponsors
DNA Seq: Low Copy from Bacterial Culture (100,000 + order)	Sample	\$3.55	CU Depts & Federal Sponsors
Additional Primer Reactions for Low Copy from Bacterial Culture	Sample	\$3.95	CU Depts & Federal Sponsors
DNA Fragment Sizing: Ready for Loading	Sample	\$2.20	CU Depts & Federal Sponsors
DNA Seq (GC rich templates): DGTP	Sample	\$4.00	CU Depts & Federal Sponsors
DNA Seq: Large Scale Sequencing (BATCH PROJECTS)	Sample	Quote	CU Depts & Federal Sponsors
DNA sequencing reagent kit plate	Sample	\$3.50	CU Depts & Federal Sponsors
<b>Non-Profit (External)</b>			
DNA Seq: Ready to Load - no guarantee	Sample	Quote	Non-Profit (External)
DNA Seq: Ready to Load with Printout - no guarantee	Sample	Quote	Non-Profit (External)
DNA Seq: Print Out	Sample	Quote	Non-Profit (External)
DNA Seq: High Copy from Purified DNA (1 - 19,999 order)	Sample	\$3.92	Non-Profit (External)
DNA Seq: High Copy from Purified DNA (20,000 - 99,999 order)	Sample	\$3.70	Non-Profit (External)
DNA Seq: High Copy from Purified DNA (100,000 + order)	Sample	\$3.47	Non-Profit (External)
DNA Seq: Low Copy from Purified DNA (1 - 19,999 order)	Sample	\$4.68	Non-Profit (External)
DNA Seq: Low Copy from Purified DNA (20,000 - 99,999 order)	Sample	\$4.40	Non-Profit (External)
DNA Seq: Low Copy from Purified DNA (100,000 + order)	Sample	\$4.15	Non-Profit (External)
DNA Seq: High Copy from Bacterial Culture (1 - 96 order)	Sample	\$7.15	Non-Profit (External)
DNA Seq: High Copy from Bacterial Culture (97 - 19,999 order)	Sample	\$3.92	Non-Profit (External)
DNA Seq: High Copy from Bacterial Culture (20,000 - 99,999 order)	Sample	\$3.70	Non-Profit (External)
DNA Seq: High Copy from Bacterial Culture (100,000 + order)	Sample	\$3.47	Non-Profit (External)
Additional Primer Reactions for High Copy from Bacterial Culture	Sample	\$3.92	Non-Profit (External)
DNA Seq: Low Copy from Bacterial Culture (1 - 96 order)	Sample	\$7.45	Non-Profit (External)



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DNA Seq: Low Copy from Bacterial Culture (97 - 19,999 order)	Sample	\$4.68	Non-Profit (External)
DNA Seq: Low Copy from Bacterial Culture (20,000 - 99,999 order)	Sample	\$4.40	Non-Profit (External)
DNA Seq: Low Copy from Bacterial Culture (100,000 + order)	Sample	\$4.13	Non-Profit (External)
Additional Primer Reactions for Low Copy from Bacterial Culture	Sample	\$4.68	Non-Profit (External)
DNA Fragment Sizing: Ready for Loading	Sample	Quote	Non-Profit (External)
DNA Seq (GC rich templates): DGTP	Sample	Quote	Non-Profit (External)
DNA Seq: Large Scale Sequencing (BATCH PROJECTS)	Sample	Quote	Non-Profit (External)
DNA sequencing reagent kit plate	Sample	\$3.92	Non-Profit (External)
<b>Commercial (External)</b>			
DNA Seq: Ready to Load - no guarantee	Sample	\$2.48	Commercial
DNA Seq: Ready to Load with Printout - no guarantee	Sample	\$3.30	Commercial
DNA Seq: Print Out	Sample	\$0.83	Commercial
DNA Seq: High Copy from Purified DNA (1 - 19,999 order)	Sample	\$5.10	Commercial
DNA Seq: High Copy from Purified DNA (20,000 - 99,999 order)	Sample	\$4.80	Commercial
DNA Seq: High Copy from Purified DNA (100,000 + order)	Sample	\$4.51	Commercial
DNA Seq: Low Copy from Purified DNA (1 - 19,999 order)	Sample	\$6.08	Commercial
DNA Seq: Low Copy from Purified DNA (20,000 - 99,999 order)	Sample	\$5.72	Commercial
DNA Seq: Low Copy from Purified DNA (100,000 + order)	Sample	\$5.40	Commercial
DNA Seq: High Copy from Bacterial Culture (1 - 96 order)	Sample	\$9.30	Commercial
DNA Seq: High Copy from Bacterial Culture (97 - 19,999 order)	Sample	\$5.10	Commercial
DNA Seq: High Copy from Bacterial Culture (20,000 - 99,999 order)	Sample	\$4.80	Commercial
DNA Seq: High Copy from Bacterial Culture (100,000 + order)	Sample	\$4.51	Commercial
Additional Primer Reactions for High Copy from Bacterial Culture	Sample	\$5.10	Commercial
DNA Seq: Low Copy from Bacterial Culture (1 - 96 order)	Sample	\$9.68	Commercial
DNA Seq: Low Copy from Bacterial Culture (97 - 19,999 order)	Sample	\$6.08	Commercial
DNA Seq: Low Copy from Bacterial Culture (20,000 - 99,999 order)	Sample	\$5.72	Commercial
DNA Seq: Low Copy from Bacterial Culture (100,000 + order)	Sample	\$5.37	Commercial
Additional Primer Reactions for Low Copy from Bacterial Culture	Sample	\$6.08	Commercial
DNA Fragment Sizing: Ready for Loading	Sample	\$3.30	Commercial



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DNA Seq (GC rich templates): DGTP	Sample	\$5.15	Commerical
DNA Seq: Large Scale Sequencing (BATCH PROJECTS)	Sample	Quote	Commerical
DNA sequencing reagent kit plate	Sample	\$5.10	Commerical