



October 2013

**A sequencing and genotyping
core laboratory at the
University of Georgia.**

Georgia Genomics Facility
110 Riverbend Rd., Rm 161
Athens, GA 30602
Tel: 706-542-6409
Fax: 706-542-6414
<http://dna.uga.edu>

New Services at GGF

- **Nextera mate-pair libraries for Illumina sequencing:** Mate-pair library sequencing enables the generation of long-insert paired-end libraries. Only 1 µg of DNA is necessary for the Gel-Free protocol (broad fragment sizes from 2 kb to 15 kb) or 4 µg of DNA for the Gel-Plus protocol (for narrower or larger size distribution).
- **Larger insert mate-pair libraries for Illumina:** GGF is refining mate-pair library construction protocols for insert sizes up to 40 kb. This technology is likely to replace much more expensive fosmid end-sequencing as a powerful approach for assembly of complex genomes. Contact us for more information.

Current Promotion: 454 discounted runs offered until November 9th, 2013

- For a limited time, GGF is offering an exceptional saving opportunity for customers. For the first 8 sequencing runs completed between now and November 9, 2013, the following prices will be in effect:
 - \$3,315 or \$3,960 for a 454 Sequencing system half run or full run, respectively (includes one library prep and one titration)
 - \$300 per additional library
 - \$600 per additional titration

Quantitative Biology Consulting Group (QBCG)

- Research projects in the life sciences are becoming increasingly larger, more complex and in need of expert data analysis and processing from multiple different arenas/perspectives.
- The QBCG brings the combined expertise of multiple UGA quantitative biology consultants to bear on a single problem. Experts in the disciplines of high performance computing, bioinformatics, and statistics are brought together to help researchers develop a more comprehensive approach to experimental design and data analysis solutions.
- If you are developing a grant proposal or already have complex datasets requiring analysis, contact the QBCG (<http://qbcg.uga.edu>) to schedule your **FREE** team consulting session.

Upcoming Seminar

Monday, October 7th
3:15 pm-4:45 pm
Coverdell Building
Rm S175

*Meeting the
challenges of low-
input, high-
throughput library
construction for
Illumina
sequencing*

Dr. Maryke Appel
Kapa Biosystems

No registration
necessary