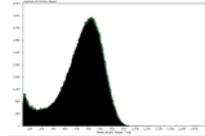


Dear Colleagues

K-State Integrated Genomics Facility (IGF) would like to share some news with you:

- The long Sanger-like 454 reads are finally available at the IGF. During our last GS FLX+ run we were able to obtain 1.3 mln reads with over 600 base pair modal read length.



- The MiSeq personal sequencing system (Illumina) is installed and already running. You have two options: 1) to get the library preparation and MiSeq sequencing done at the IGF or 2) IGF can prepare a sequencing library (or multiple barcoded libraries) which can be sent for HiSeq2000 sequencing to any other facility. The second option gives you an access to K-State library prep internal fees.
- The CFX 96 Real-Time PCR system from BioRad was recently acquired by IGF. It allows up to 5-target multiplexing and has a broad range of applications from gene expression analysis, diagnostic, allelic discrimination to Precision (High Resolution) Melt analysis.



- Our facility is organizing two workshops this summer: the Real-Time PCR (PLPTH 785) and the Microarray workshop (PLPTH 780). Graduate students may take them for credit (tuition fee). If you do not need a credit, but would like to attend one or both of them (no registration fee) please send an email to [akhunova@ksu.edu](mailto:akhunova@ksu.edu) or call (785) 532-1393.
- Within next couple of weeks, we are expecting to receive the Synergy H1 Hybrid Multi-Mode Microplate Reader from BioTek. This system supports top and bottom fluorescence intensity, UV-visible absorbance and high performance luminescence detection. It is the ideal system for all the standard microplate applications found in life science research laboratories. For details please visit: <http://www.biotek.com/>

For more information please contact us or visit our website:

[www.ksre.ksu.edu/iGenomics](http://www.ksre.ksu.edu/iGenomics)

Thank you,  
Alina Akhunova, Ph.D.  
Research Assistant Professor  
Director, Integrated Genomics facility  
Kansas State University  
Phone: 785-532-1393  
Fax: 785-532-5692  
e-mail : [akhunova@ksu.edu](mailto:akhunova@ksu.edu)