



HCGS

Hubbard Center for Genome Studies

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Issue 2



NEWSLETTER

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Happenings at HCGS

As we start our second newsletter, we want to give a HUGE shout out to the Facilities Construction Team for the exceptional work they've done with the new HCGS office—it looks AWESOME!

We are now taking requests for 250 bp reads. The price at this time is \$3500 per lane for paired-end 250bp reads.

Graduate Student Open House

There will be an open house/poster session on March 6 for prospective graduate students to come to UNH and see what kinds of research we do, and to meet current graduate students and faculty. If you are interested in meeting the prospective students and presenting a poster, please contact David Plachetzki (David.Plachetzki@unh.edu). The poster session and social will be held in the Squamscott room at Holloway Commons from 4:00-6:00pm.

"The genome is a book that wrote itself, continually adding, deleting and amending over four billion years."

— Matt Ridley, *Genome: the Autobiography of a Species in 23*

Staff Profiles

Cindy Wiggin, Program Support Assistant, is the newest face at the HCGS. Cindy started at UNH in December 2014 and says that she honestly loves the atmosphere. She came to the HCGS with 15 years' experience in the finance/insurance market.

In her time away from UNH, she enjoys riding her Harley Sportster, which is a close second to enjoying her grandchildren, all six of them (and one on the way in June)! Life just can't get much better than that!



HiSeq Data Storage policy

Data generated by the HiSeq 2500 at HCGS will be available for downloading for a year from the time it was generated. After that, the data will be deleted and only the raw data from which the data was derived by demultiplexing would be frozen for an additional 2 years at an external storage site. These frozen data can be re-loaded and demultiplexed again if the user requests such services for which a separate processing fee will be levied.

User Account Policy

Users' accounts are automatically created for the year of data access guaranteed by the Data Storage Policy. Accounts belonging to one time users of the HiSeq facility would thus expire a year from the time the data was generated. However, accounts of active users would be extended to a year from the last installment of data generation. Note that the account update does not change the data removal schedule for older data that has been a year old.

Illumina BaseSpace

BaseSpace is a cloud computing resource that is currently sponsored by Illumina in the Amazon Cloud computing environment. BaseSpace is currently free, has the ability to help you share your experimental data with other users inside and outside your organization, and has a suite of cloud computing apps (some free, some charge per use) for analyzing data. We routinely send data from the HiSeq 2500 to Basespace as a backup for the secure storage server (Cobb) located in Morse Hall.

To browse the app store and learn more about the cloud computing apps available in basespace, visit <https://basespace.illumina.com/home/prep>.

To learn more about BaseSpace and the privacy policies, please visit:

<https://basespace.illumina.com/faq>.



Publications

Please acknowledge our NSF MRI Grant in your publications: NSF DBI-1229361. If you have any publications resulting from data generated by the HCGS that you would like to have listed here, please send the citation to Cynthia.wiggin@unh.edu.

Sheldon G. Hurst, IV, Shima Ghazal, Krystalynne Morris, Feseha Abebe-Akele, W. Kelley Thomas, Usama M. Badr, Mona A. Hussein, Mohamed A. AbouZaied, Kamal M. Khalil, Louis S. Tisa. Draft Genome Sequence of *Photorhabdus temperata* Strain Meg1, an Entomopathogenic Bacterium Isolated from *Heterorhabditis megidis* Nematodes. *Genome Announc.* 2014 Nov-Dec; 2(6): e01273-14. Published online 2014 December 11. doi: 10.1128/genomeA.01273-14.

