



# Pig Genome Update

## No. 86 September, 2007

**SNP chip under discussion.** One of the issues being discussed is the need for a SNP chip in pigs. There has been some development in this area and a “private” chip of about 7.5K SNPs is under manufacture by Illumina for a group of European scientists. Gary Rohrer has agreed to head a committee of interested researchers to work on developing a 10K chip and a group of scientists led by the University of Illinois put in a proposal for a 50K chip to be funded in part by USDA.

**The Swine Genome Sequencing Workshop is being held October 26<sup>th</sup> in Paris.** The meeting will include specific issues of the sequencing project, identifying approaches to ensure broad and rapid utilization of the sequence information, developing educational programs, and examining ways to find additional financial support. For more information please see [www.piggenome.org](http://www.piggenome.org).

**Improvements to the Animal QTLdb have recently been made by the Bioinformatics Coordinator and his team.** New data including mapping of Affy array elements to QTL maps for pigs and cattle and SNPs stored in Genbank to the respective chicken, pigs and cattle QTL maps have been added to the QTLdb (<http://www.animalgenome.org/QTLdb>). If there is any additional information that you would like added, please contact James Reecy at [jreecy@iastate.edu](mailto:jreecy@iastate.edu).

**The new pig oligo arrays are here and can be ordered.** New swine oligo arrays can now be ordered (<http://www.pigoligoarray.org/>). Validation of arrays is taking place. A validation experiment, funded in part by the participants and the USDA Pig Genome Coordinator, will take place over the next few months. The plan is to report the information to the community at the earliest possible date.

**Upcoming meetings** (see: <http://www.animalgenome.org/pigs/community/meetings.html>)

International Symposium on Animal Genomics for Animal Health, October 23-25, 2007, OIE Headquarters, World Organization for Animal Health, Paris, France. For information contact Cyril Gay ([cyril.gay@ars.usda.gov](mailto:cyril.gay@ars.usda.gov)), or Marie-Hélène Pinard ([pinard@dga2.jouy.inra.fr](mailto:pinard@dga2.jouy.inra.fr)).

2nd GSA Model Organisms & Human Biology Meeting, Jan. 5-9, 2008, Town & Country Convention Center, San Diego, CA. Please see <http://www.gsa-modelorganisms.org>

Plant and Animal Genome XVI, joint with NC-1008 and NAGRP annual meetings, Jan. 12-16, 2008, Town & Country Convention Center, San Diego, CA. See <http://www.intl-pag.org/>.

**Items for *Pig Genome Update 87*** can be sent to me by no later than October 15 please.

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