

SGSC Conference Call
October 20, 2008
Draft Minutes

I. Present: C. Churcher, D. Hamernik, W. Liu, L. Matthews, G. Rohrer, M. Rothschild, and L. Schook.

Apologies: A. Archibald, J. Cassady, R. Clark, K. Eversole, D. Milan, A. Ponce de Leon, C. Rogel-Gaillard

II. Action Items:

- 1) Schook to submit the request for a second, one-year, no-cost extension for the USDA-NRI grant to Hamernik as soon as possible.
- 2) Schook and Churcher to prepare a short update (2-3 sentences) for Rothschild's quarterly Pig Genome newsletter by October 25.

III. Sequence Update: Churcher reviewed the updates that Clark distributed to the group last week. A total of 15,424 clones have been selected for sequencing and sent to the pipeline. They are averaging about 200-300 clones per month. This covers about 93% of the physical map. There are 2,207Mb of total sequence (62.9 Mb of finished quality) from 12,884 clones. About 7,453 clones have been sequenced to the "improved/finished" stage. She estimated that about 77.7% of the physical map had been sequenced. Churcher reminded the group that the original proposal planned to sequence 16,500 – 17,000 clones to cover the entire genome (all of the minimal tiling path). Staff at Sanger are currently prioritizing chromosomes 6, 12, 13, and 18 for sequencing so that ~70% coverage of these chromosomes can be obtained. Chromosome 14 is done. They are still sequencing chromosomes 4 and 7. She said that there were no bottlenecks and that everything is going as planned. Schook thanked Churcher and the entire Sanger staff for their excellent progress.

Schook said that he will use these sequencing numbers for the progress report for the second, one-year, no-cost extension request for the USDA-NRI grant.

IV. Annotation Update: No update at this time.

V. SNP Chip Update: Schook stated that sufficient orders have been received to qualify for Tier C pricing (\$100/sample as product only or \$160/sample with services). The cost of chips for those that were not prepaid is expected to be 2-3X this amount. The ~60K SNP is now in production at Illumina. Rohrer said that the consortium has identified ~580 animals (~50 animals/breed and ~30 trios/breed) to analyze allele frequencies and conduct a HapMap project. Illumina will perform these assays. The cost for these assays was built into the original price structure.

VI. Other: The SGSC workshop at PAG will be held from 10:20 a.m. - 12:30 p.m. on Sunday, January 11, 2009. Presentations will be made by Schook (overall progress), Churcher (sequencing update), Archibald (annotation update), and Groenen (SNP chip update).

Rothschild asked Schook and Churcher to provide a short update on the SNP chip and genome sequencing, respectively for the quarterly Pig Genome Consortium newsletter. He would like this information by COB on October 25.

VII. Next Conference Call: The next call for the SGSC Steering Committee will be on Monday, November 17 at 8:00 am (Eastern; US).