

Program for Genotyping Core Workshop, 8.-9.3.2004 at Biomedicum Helsinki:

Organizers: Kaisa Silander, Elisabeth Widén, Janna Saarela
Host: The Finnish Genome Center
Place: Group meeting room 8-9, P floor
Number of participants: ~20-25

Monday, 8.3.2004:

Chairperson: Janna Saarela

13:00-13:45: DNA extraction unit at KTL.
- Quality control of genomic DNA samples.
- Practical aspects of work and problems encountered.
- Communication between DNA extraction unit and genotyping units.
Janna Saarela and Mervi Alanne

13:45-14:30: Status of genotyping in each of the genotyping centers

Coffee break: 14:30-15:00

Chairperson: Ann-Christine Syvänen

15:00-16:00: Streamlining SNP selection in candidate genes.
- Procedure in Uppsala. Per Lundmark
- Procedure in Helsinki. Markus Perola
- Discussion on recommended procedures. A-C Syvänen

16:00-16:30: Haploblock analysis of European populations using the migraine locus on Chr4. Aarno Palotie

19:00: Dinner at Kappeli

Tuesday, 9.3.2004:

Chairperson: Ann-Christine Syvänen

09:00-10:00: Whole genome amplification.
- Experience from SNP genotyping. A-C Syvänen, J. Saarela & Kaisa Silander
- Experience from microsatellites. Elisabeth Widén
- Recommendation on how and when to use WGA in Genomeutwin

Coffee break: 10:00-10:30

Chairperson: Kaisa Silander

10:30-11:30: QC for genotyping procedures
- Microsatellite markers. Elisabeth Widén & Inger Jonasson
- SNP markers. Kaisa Silander & Tomas Axelsson
- Joint QC pilot between genotyping cores. Aarno Palotie

11:30-12:00: Discussion on a joint genotyping manual for GenomEUtwin. Kaisa Silander

Lunch: 12:00-13:00

Chairperson: Elisabeth Widén

13:00-14:00: Database-related issues.

The GenomEUtwin database. What input is needed from genotyping core. Juha Muilu

The Chiasma SNP database in Uppsala. Mats Jonsson

Study sample ID issues. Markus Perola

14:00-14:30: GenomeEUtwin genotyping core and the database and statistical cores.

- Communication between cores in practice.

- QC procedures and responsibilities.

- Genotyping core's proposal of what feedback is required on genotyping QC issues from 2 other cores.

Elisabeth Widén, Aarno Palotie, Juha Muilu