

**Porcine Genetics and Parentage Testing Standardization  
Workshop**

Time: 28 July 15:30 to 17:00

Chair: Vincenzo Landi, Spain

**1. Welcome**

The Chair welcomed participants and fixed the agenda for the afternoon.  
Participate at the workshop:

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**2. 2009/2010 unofficial Pig Comparison Test.**

Duty Laboratory Report - Vincenzo Landi (Laboratorio de Genetica molecular Aplicada y caracterizacion - Cordoba, Spain)

A total of 8 Laboratories participated in the 2009/2010 Pig Comparison test. The pig comparison test could attract more participants for future years tanks a better dissemination to the ISAG members .

Besides the Comparison Test was relatively easily managed. A very large number of laboratories claimed that they did not receive information about this no-official Comparison Test.

The majority of institutions used the FAO/ISAG 1998/2003 recommended markers: CGA, IGF1, S0002, S0005, S0026, S0068, S0090, S0101, S0155, S0178, S0215, S0218, S0225, S0226, S0227  
S0228, S0355, S0386, SW24, SW72, SW122, SW240, SW632, SW857  
SW911, SW936, SW951.

Because of the absence during the past years of a genotyping test several errors in genotype calling were detected in every marker and at least on 10 markers was underlined an incorrect calling in all laboratories for some samples standard.

Only two laboratories used some marker derived by FAO/ISAG 2005 recommendation S070, S230, SW240, SW830, S0059, S0122 SW1430, SW2160, SW2411, SW840, SWC27, TNFB and only one use sex determination (AMELY gene) as complementation of parentage testing.

### **3. Future plan for pig comparison test**

All the participants to the workshop express a favorable opinion to organize an official PIG comparison test for the year 2011/2012.

a) Celine Chantry-Darmon offer to share standard sample from LABOGENA - France for standardization of allele calling;

b) Laboratorio de Genetica molecular Aplicada y caracterizacion - Cordoba, Spain will serve as 2011/2012 Duty Laboratory;

c) to draw an actualized marker list for next comparison test, based on literature and interested laboratory panels;

### **4. Election of Standing Committee**

The Standing Committee is:  
Vincenzo Landi (Chair)

### **5. Any other matters**

There being no other business to discuss the meeting was closed at 17h25.