



Pig Molecular Comparison Test Report

STANDING COMMITTEES / WORKSHOPS

Information will be posted online

Organised by a standing committee**no****Date and meeting time: 01/11/2012****Chair, name and contact email: Vincenzo Landi, landivincenzo@yahoo.it****Agenda / programme attached****Number of participants at meeting: 30 (Skype conference)****Summary of the meeting** including votes, decisions taken and plans for future conferences**Presentation and election of committee for period 2012-2014**

A standing committee was elected after the web skype conference due the absence of the chair at Cairn conference.

Four candidates was elected to be part of the committee after vote of the assistants. The composition of the committee for the biennium 2012-2014 was the following:

Chair:

Vincenzo Landi, Animal Breeding Consulting SL./University of Cordoba (Spain)

Members:

Amparo Martinez (amparomartinezuco@gmail.com), University of Cordoba (Spain);Attila Zsolnai, Research institute for Animal Breeding and Nutrition Herceghalom Hungary
(attila.zsolnai@gmail.com)Marcela Martinez (mmartinez@sra.org.ar), Laboratorio de Genética Aplicada (Argentina)Josè Luis Vega Pla (jvegpla@oc.mde.es), Laboratorio De Investigación Aplicada Ministerio de Defensa (Spain)**Comparition test 2010/2011 reports**

A total of 32 laboratories joint the initiative, a total of 20 pig samples (Iberian Pig, Largwhite, Duroc and commercial crossbreeds) extracted from liver or blood tissue whit phenol chloroform method were sent. Shipment company were principally Fedex and DHL but also local mail office prepaid account were utilized.

Shipment to Brazil were impossible due customhouse problems

Only 20 laboratories sent the results:

72520, 84414, 84428, 84434, 84435, 84448, 84462, 84475, 84480, 84482, 84483, 84485, 84486, 84524, 84847, 88031, 88267, 88372, 89686, 92802.

The biodiversity panel marker of Pig European project was proposed at moment as choice since all laboratory used this set or a reduced selection of this markers:

CGA, IGF1, S0002, S0005, S0026, S0068, S0090, S0101, S0155, S0178, S0215, S0225, S0226, S0227, S0228, S0355, S0386, SW24, SW72, SW240, SW632, SW857, SW911, SW936, SW951.

The results of marker genotyping were encouraging even if this test was not organized between the 2005 and 2009.

For the next edition was proposed the inclusion of special markers as Alogenin (for sexing) and Stress syndrome: the chair will update the participant about the primers sequences and nomenclature.

Also the possibility of a SNPs based comparison test was evaluated. Attila Zsolnai who has some experience in this issue will evaluate this proposal (choose a suitable panel for parentage testing purpose) with the chair in order to propose at ISAG central committee the inclusion of this new test.

Committee members (see above)

Chair Vincenzo Landi

term of service:
when new candidate is available

E mail address: landivincenzo@yahoo.it

Other members

term of service: until 2014

Amparo Martinez

Attila Zsolnai,

Marcela Martinez

Josè Luis Vega Pla

COMPARISON TEST yes

If yes: Number of enquiries – requests for consignment forms 30
 Number of participants receiving samples 28
 Number of samples 20
 Number of participants reporting results 20

Duty laboratory Laboratorio de Genetica Molecular y caracterizacion, Animal breeding consulting sl. - landivincenzo@yahoo.it

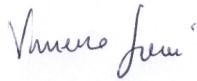
Computing Laboratory Laboratorio de Genetica Molecular, Departament of Genetics, University of Cordoba (Spain) - amparomartinezuco@gmail.com

List of recommended markers

CGA IGF1, S0002, S0005, S0026, S0068, S0090, S0101, S0155, S0178, S0215, S0225, S0226, S0227, S0228, S0355, S0386, SW024, SW072, SW240, SW632, SW857, SW911, SW936, SW951, Alogenin (sexing)

SIGNATURES

Chair and Duty laboratory



Computing laboratory

