



**LAGENBIO**  
**Laboratorio de**  
**Genética Bioquímica**  
**Universidad Zaragoza**

Zaragoza, November 12<sup>th</sup> 2015

Dear Colleagues,

Please you will find enclosed 20 DNA samples for participation in the 2015-2016 ISAG Ovine Comparison Test.

The DNAs include one reference sample (OCT03) whose genotype is supplied bellow.

DNA was extracted from blood using the Wizard<sup>®</sup> Genomic DNA Purification Kit (Promega).

Each tube contains 50 µL of DNA at approximately 50 ng/µL.

Compilation of the results will be done by FASS. Reports must be uploaded on the ISAG website.

Deadline to submit results is March 31, 2016

If you need the other information about samples, please contact by e-mail to:

[rodellar@unizar.es](mailto:rodellar@unizar.es)

Best regards,

Clementina Rodellar



<i>Sample ID</i>	<i>BREED</i>
OCT01	Latxa
OCT02	Latxa
OCT03	Carranzana
OCT04	Carranzana
OCT05	Carranzana
OCT06	Dorper
OCT07	Dorper
OCT08	Dorper
OCT09	Assaf
OCT10	Assaf
OCT11	Assaf
OCT12	Latxa
OCT13	Latxa
OCT14	Latxa
OCT15	Merina
OCT16	Rasa Aragonesa
OCT17	Merina
OCT18	Merina
OCT19	Rasa Aragonesa
OCT20	Rasa Aragonesa

Genotype for reference sample

<i>MARKER</i>	<i>OCT03</i>
AME	XX
CSRD247	219/227
ETH152 (D5S2)	186/200
INRA005	125/147
INRA006	110/116
INRA023	198/204
INRA063	175/177
INRA172	126/160
MAF065	127/129
MAF214	189/191
McM042	87/87
McM527	164/166
OarFCB20	89/105

#### ISAG ovine microsatellite panel

Marker	Primer forward sequence	Primer_reverse_sequence
AMEL	CAGCCAAACCTCCCTCTGC	CCCGCTTGGTCTTGTCTGTTGC
CSRD247	GGACTTGCCAGAACTCTGCAAT	CACTGTGGTTTGTATTAGTCAGG
ETH152	TACTCGTAGGGCAGGCTGCCTG	GAGACCTCAGGGTTGGTGATCAG
INRA005	TTCAGGCATACCCTACACCACATG	AAATATTAGCCAACCTGAAAACCTGGG
INRA006	AGGAATATCTGTATCAACCGCAGTC	CTGAGCTGGGGTGGGAGCTATAAATA
INRA023	GAGTAGAGCTACAAGATAAACTTC	TAACTACAGGGTGTTAGATGAACTC
INRA063	GACCACAAAGGGATTGCAACAAGC	AAACCACAGAAATGCTTGGGAAG
INRA172	CCAGGGCAGTAAAATGCATAACTG	GCCCTTGCTAGCCTCTGCAAAC
MAF065	AAAGGCCAGAGTATGCAATTAGGAG	CCACTCCTCCTGAGAATATAACATG
MAF214	AATGCAGGAGATCTGAGGCAGGGACG	GGGTGATCTTAGGGAGGTTTTGGAGG
McM042	CATCTTCAAAGAAGCTCCGAAAGTG	CTTGGAATCCTTCTAACTTTTCGG
McM527	GTCCATTGCCTCAAATCAATTC	AAACCACTTGACTACTCCCCAA
OarFCB20	GGAAAACCCCATATATACCTATAC	AAATGTGTTAAGATTCCATACATGTG