



## Genotype Tracking Screen Dynamics

This screen allows the user to view the following details on a per animal basis.

Showing 1 to 9 of 9 entries

Show filters  Excel PDF Print

Request Date	Herd	Owner	Animal Number	Sex	Breed	Death Date	Sample	Org	Sent to Farm	ICBF Received	Sent to Lab	Chip	Geno Received	Status	Date of Status	Cert Printed
10-AUG-15		Joe Farmer	IE: 110	F	CH	12-FEB-16	HAIR	CH	10-AUG-15			IDB19K		AWAITING return of sample from farm	10-AUG-15	18-SEP-15
13-JUN-13		Joe Farmer	IE: 108	F	CH	23-OCT-15	HAIR	CH	13-JUN-13	27-JUN-13		IDB19K		SAMPLE IN STORAGE	27-JUN-13	02-AUG-13
13-JUN-13		Joe Farmer	IE: 107	F	CH		HAIR	CH	13-JUN-13	27-JUN-13		IDB19K		CLOSED	05-AUG-16	16-DEC-15
13-JUN-13		Joe Farmer	IE: 106	F	CH	23-OCT-15	HAIR	CH	13-JUN-13	27-JUN-13		IDB19K		SAMPLE IN STORAGE	27-JUN-13	02-AUG-13
13-JUN-13		Joe Farmer	IE: 109	M	CH	19-DEC-14	HAIR	CH	13-JUN-13	27-JUN-13	03-JUL-13	IDB19K	12-JUL-13	GENOMIC EVALUATION	12-JUL-13	23-AUG-13

The search section allows the user to search for samples by herd number (IE number), tag number or batch number, this search can also be filtered between a date range and on the following:

- By date of initial request
- By date of dispatched of sample to lab
- By date of receipt of genotype from lab

Search for samples requested  by date of initial request  between two dates: Start Date  End Date  Go

Showing 0 to 0 of 0 entries

Show filters  Excel PDF Print

Request	Herd	Owner	Animal Number	Sex	Breed	Death Date	Sample	Org	Sent to Farm	ICBF Received	Sent to Lab	Chip	Geno Received	Status	Date of Status	Cert Printed
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Once the animal/s are retrieved the data available as explained in the following table.

Column Label	Description
Request Date	Date sample requested
Herd	Herd BTE number
Owner	Herdowners full name
Animal Number	Tag number of animal – interactive link opens pop up with more information
Sex	Sex of animal
Breed	Main breed of animal
Death Date	Death date of animal if applicable
Sample	Sample type (Haircard/Eartag)
Org	Organisation associated with sample (FA - Farmer, LM - Limousin Breed Society, HE - Hereford Breed Society, etc.)
Sent to Farm	Date kit (haircard/eartag) dispatched to farm.
ICBF Received	Date sample returned to ICBF (please note not all samples are returned to ICBF, some are returned directly to either breed society or laboratory)
Sent to Lab	Date sample forwarded to laboratory from ICBF (routine samples are sent weekly on Wednesday)
Chip	Chip identity
Geno Received	Date genotype received by ICBF from laboratory
Status	Status of sample in process (status definitions can be found here)
Date of Status	Date of current status
Cert Printed	Date when pedigree certificate went generate for print file.

To see further details on a particular animal, click on the animal tag number link, this will open a pop-up window containing the following information, to see information on the Genotype click on the Genotype tab.

Request Date	Herd	Owner	Animal Number	Sex	Breed	Death Date	Sample	Org	Sent to Farm	ICBF Received	Sent to Lab	Chip	Geno Received	Status	Date of Status	Cert Printed
10-AUG-15		Joe Farmer	<a href="#">IE: 110</a>	F	CH	12-FEB-16	HAIR	CH	10-AUG-15			IDB19K		AWAITING return of sample from farm	10-AUG-15	18-SEP-15
13-JUN-13		Joe Farmer	<a href="#">IE: 108</a>	F	CH	23-OCT-15	HAIR	CH	13-JUN-13	27-JUN-13		IDB19K		SAMPLE IN STORAGE	27-JUN-13	02-AUG-13

View of pop up window showing animal details and test results.

IE1234567891234 X

**Owner Herd:** J12345678

**Owner Name:** JOE FARMER

**Breeder Name:** JOHN FARMER

**Animal Name:** IVY

**Sex:** Female

**Predicted Sex:**

**Breed:** CH (100%)

**Predicted Breed:**

**Purpose:** Beef

**ET:** N

**Dairy Geno Eligible:** N

**Pedigree Cat:** PED-Pedigree - Normal

**Birth Date:** 06-MAR-2013

**Death Date:**

**Genotype Published:**

**DNA Number:** G1215655

Parentage
Genotype

**SIRE**

Date	Status	Current Sire	Verified by	Sire When Tested	Sire Result	Predicted Sire	Lab. Code
17-AUG-16	VERIFIED	FR123456789	SNP	FR123456789	PASS	FR123456789	G1215655

### 1.2. Genotype Tab

The genotype tab shows more details on the sample, for example sample quality (sample quality; good sample greater or equal to 0.90 / Poor sample less than 0.90), whom sample was requested by. Other information available in this popup is the sire and dam genotype details if available.

Parentage	Genotype
Requested by: John Farmer	ICBF Current Sire: FR123456789
Sample Type: HAIR	Sire Genotyped: IDB19K
Chip Type: IDB19K	Sire DNA No: B190254 (PERM)
Sample Quality:	ICBF Current Dam: IE123456789100
Invalid Genotype:	Dam Genotyped:
Requested Date: 18-APR-2013	Dam DNA No:
Sent to Farm: 18-APR-2013	<b>Explanation of Values</b> Sample Quality: Good Sample greater or equal to 0.90 Poor Sample less than 0.90
ICBF received: 10-MAY-2013	
Sent to lab:	
Genotype Received:	

### 1.3. Parentage Tab

This pop up includes owner herd number and name, there are also extensive animal details included. In the lower section of the pop up the parentage test results are available to view. To read results displayed on this screen

The parentage tab show details of parentage verification. Sire and Dam.  
Reading the parentage tab (see corresponding screen shot)

Date	Status	Current Sire	Verified by	Sire When Tested	Sire Result	Predicted Sire	Lab. Code
17-AUG-16	VERIFIED	FR123456789	SNP	FR123456789	PASS	FR123456789	G1215655
1	2	3	4	5	6	7	8

#### Sire Example

1. Date – date of status was applied to animal.
2. Status – Verified (in this example – for further status and explanations see here) Sire is verified as correct parentage.
3. Current Sire – Sire currently in Taurus ([www.icbf.com](http://www.icbf.com))
4. Verified By – SNP (in this example – for further verified by options and explanations see here)
5. Sire When Tested – this denotes the sire that was current associated with animal when sample was tested.
6. Sire Result – Pass / Fail (Pass in this example)
7. Predicated Sire – Tag number or Identification of predicated sire.
8. Lab Code – Unique code assigned to genotype by laboratory.

#### 1.4. Status Message Explanations (Tracking Screen)

Status Code	Definition
CLOSED	Sample closed -closed due to replacement card, resample card or retest card being issued
PARENTAGE EXCLUSION APPLIED	Parentage provided has been tested and found incorrect and laboratory have applied exclusion to parentage.
SAMPLE IN STORAGE	Sample from animal held in Weatherbys - Not tested
SIRE VERIFIED	Sire confirmed correct against progeny provided
INVALID	Sample has been flagged invalid
AWAITING RETURN OF SAMPLE FROM FARM	Sample has not returned from farm
CLOSED DUE TO REPLACE	Sample closed due to replacement sample being received.
CLOSED LCR	Sample Closed due to Low Call Rate <0.9
GENOMIC EVALUATION	Animal has genotype included in genomic evaluation (Includes Non-sire verified animals)
SAMPLE DNA TYPED	Sample has been DNA tested - no parentage test
GENOTYPE BEING EVALUATED	Genotype currently being evaluated in active genomic evaluation run.
MS PROCESSING	MS is currently being tested in laboratory
RESULT MISMATCH	Results mismatch on sire/dam provided
IN PROGRESS	Testing in progress

#### Pop- Up Window on Geno Tracking Screen (per animal basis)

Status Code	Definition
VERIFIED (SIRE)	Sire of animal is verified as correct
VERIFIED (DAM)	Dam of animal is verified as correct
DNA PROFILE ONLY	Animal DNA profiled - no verification to parentage
VERIFIED EXTERNAL	Sample verified outside of ICBF's services
IMPUT SENT	Imputation File sent to Weatherbys