

Lab Requests CSV Format Layout

Requesting DNA tests

The DNA *Request Types*, used to identify the requested genetic tests, are setup in discussion with ABRI, the breed society and the DNA laboratory. Generally these codes are two or three characters. These are entered into the ILR2 DNA Lab Request Worksheet, along with the animal's details, to identify the animal and the DNA test being requested.

Locate Animal in List		Locate		Locate and Set Defaults (F6)																					
Animal List		Defaults																							
Ident.	Name	Date of Birth	Sex	S.#	Member ID	Sample Type	Test 1	Test 2	Test 3	Test 4	Test 5	Test 6	Test 7	Test 8	Test 9	Sire 1	Sire 2	Sire 3	Sire 4	Dam 1	Dam 2				
NOVL06	NOVA WATERLOO	06/10/2015	M	9455	F0202	H-Hair	GGPLD	HY	DL	IE	PV						DAYG74								
NOVL05	NOVA WOODFORD	22/09/2015	M	9456	F0202	H-Hair	GGPLD	HY	DL	IE															
NOVK02	NOVA VINCENT	06/09/2014	M	9454	F0202	H-Hair	GGPLD	HY	DL	IE	PV						NOVP06								

■ Entered Animal Information ■ Entered DNA Testing Information

Once a Lab Request Worksheet has been completed, the ILR2 system allocates a *batch number* to the Lab Request. The batch number is comprised of year, month and a sequence number, ie: YMMnnn Eg. 2107004.

To create the *Lab Requests CSV* and to email it to the Laboratory, the user submits a job from the ILR2 *Background Processing* menu for the specified Batch number.

Lab Request Worksheet
Submit New Job

Job List

- Accounting
- Membership Reports
- Membership Update Processing
- Animal Reports
- Herd Inventory
- BREEDPLAN Development
- BREEDPLAN Admin Reports
- BREEDPLAN Forms
- BREEDPLAN Updates
- Data Import / Export
- DNA**
 - Genetic Tests Report / CSV**
 - Send DNA Requests to Lab & Bill**
- Geneprob
- Shows and Sales
- Society Administration
- ABRI System Administration
- Development

Queue Details
Parameters
DNA Sample Acknowledgement Summary
Senc ◀ ▶

Batch Details

LR_WS_SEND_REQUESTS - Send DNA Requests to Lab & Bill member

This job creates a file of DNA Requests in the selected Lab Request Batch and automatically emails the file to the Association's DNA Lab.

It produces a report of animals included in the FTP file and acknowledgement Letters and Summary for Members.

It will create a Billing report as well as generate charge transactions.

Queue:

Job Priority:

Email Notification:

Start After:

Submit Member:

Charge Member:

Hold Execution Run on Server
 Hold Dispatching Use Default Dispatch Only

Comments (appear on report title where available)

Add

Edit

Delete

Cancel

Update

Refresh

Print

About

Close

ABRI must have the laboratory details setup within ILR2 including the email address they would like these Lab Request files sent to. Please see the link below for the DNA laboratories and their codes that are currently known to ILR2.

(<http://breedplan.une.edu.au/booklets/DNA%20Genetic%20Labs%20Codes.pdf>)

CSV FILE FORMAT:

- There is one HEADER row.
- File name is lower case and sent as <soc code>_dna_requests_<batch number>.csv Eg. *audm_dna_requests_2107031.csv*
- All file data is separated by a comma.
- If the animal is being Parent Verified then up to 4 sires and 4 dams can be entered for testing. If more sires/dam are being tested, then a new record is required for the same animal.

Field Name	Field Value	Optional or Required	Example
CASE-NUMBER	If the sample type is 'Done' or 'Profile', then the animal already has a sample with the lab and we enter the DNA case Ident allocated to that sample. Otherwise Blank and the laboratory will allocate a new number to the new sample.	Optional	123456
PRIORITY	High for Urgent samples, otherwise Blank for normal priority.	Optional	High
SOCIETY	Identifies the ABRI society sending the data. *See below for a list of ABRI societies.	Required	AUAA AU = Australia AA= Angus Society
BATCH-NUMBER	A Batch identifying number, allocated by ABRI	Required	1708031
SAMPLE-NO	Sequence number of rows in the batch. Starts with 1	Required	1
SAMPLE-TYPE	Describes the sample type. Hair, Semen, Tissue, Bone, Plasma, Blood, TSU are self-explanatory. Done, Build & Profile have special meanings.	Required	Hair
DNA-TESTS-REQUESTED	These are the profiling MIP or SNP or PV or STORE requests. In other words all tests requested except genetic condition.	Optional if GENE-TESTS-REQUESTED has been entered, otherwise Required	GGPLD or GGP50K or
GENE-TESTS-REQUESTED	These are the codes for the genetic conditions to be tested against. The requests are sent with a '+' separator.	Optional if DNA-TESTS-REQUESTED has been entered, otherwise Required	DD+AM+POLL
RE-TEST-COUNT	Any number > 0 means this is a retest. So 0 means not a retest.	Optional	0

Lab Request File Format – V1 For Sending Requests from ILR2 to the Laboratory

Last Updated July 2017

	This is used for billing purposes by the lab and the society.		
HERD	The Membership ident allocated to that member from the society.	Required	XYZ
ANIMAL IDENT	Animal Identification allocated by the society	Optional if TAG entered, otherwise Required	XYZPF123
TAG	If the animal is not on the society database then a Tag Reference can be entered.	Optional if IDENT entered, otherwise Required	G17
DOB	dd/mm/yyyy	Optional	15/03/2015
SEX	M = male F = female S = steer	Optional	M
NAME	Full animal name including the stud prefix.	Optional, but beneficial to help identify the correct animal.	BIGVALLEY FRANK L456
SIRE-NAME-1	Full sire name including the stud prefix.	Required if a Sire is entered for a PV test. Otherwise Optional	BIGVALLEY FIREUP L456
SIRE-IDENT-1	If a Parent Verification has been requested, then the idents of the sire as it is registered on the society database.	Required if a Sire is entered for a PV test. Otherwise Optional	XYZXX1234
SIRE-DNA-CASE-1	If the animal is having a MiP+PV then the sires MiP dna case ident is entered here. If the animal is having a SNIp+PV then the sires SNP case ident is entered here.	Required if a Sire is entered for a PV test. Otherwise Optional	123456
SIRE-NAME-2	Same as for Sire1	Optional	
SIRE-IDENT-2	Same as for Sire1	Optional	
SIRE-DNA-CASE-2	Same as for Sire1	Optional	
SIRE-NAME-3	Same as for Sire1	Optional	
SIRE-IDENT-3	Same as for Sire1	Optional	
SIRE-DNA-CASE-3	Same as for Sire1	Optional	
SIRE-NAME-4	Same as for Sire1	Optional	
SIRE-IDENT-4	Same as for Sire1	Optional	
SIRE-DNA-CASE-4	Same as for Sire1	Optional	
DAM-NAME-1	Full dam name including the stud prefix.	Required if a Dam is entered for a PV test. Otherwise Optional	
DAM-IDENT-1	If a Parent Verification has been requested, then the idents of the dam as it is	Required if a Dam is entered for a PV test. Otherwise Optional	

	registered on the society database.		
DAM -DNA-CASE-1	If the animal is having a MiP+PV then the dams MiP dna case ident is entered here. If the animal is having a SNiP+PV then the dams SNP case ident is entered here.	Required if a Dam is entered for a PV test. Otherwise Optional	
DAM -NAME-2	Same as for Dam1	Optional	
DAM -IDENT-2	Same as for Dam1	Optional	
DAM -DNA-CASE-2	Same as for Dam1	Optional	
DAM -NAME-3	Same as for Dam1	Optional	
DAM -IDENT-3	Same as for Dam1	Optional	
DAM -DNA-CASE-3	Same as for Dam1	Optional	
DAM -NAME-4	Same as for Dam1	Optional	
DAM -IDENT-4	Same as for Dam1	Optional	
DAM -DNA-CASE-4	Same as for Dam1	Optional	
OWNER-NAME	Name of person requesting the tests, this is for the Lab to send a results report if required.	Optional	
OWNER-ADDRESS	Address of the person requesting the tests.	Optional	
OWNER-STATE	As part of the address.	Optional	
OWNER-POSTCODE	As part of the address.	Optional	
OWNER-COUNTRY	As part of the address.	Optional	
OWNER-EMAIL	Email of person requesting the tests, this is for the Lab to send a results report, if required.	Optional	

Example File

CASE-ALBREF-PRIORITY	SOCIETY	BATCHNO	SAMPLENO	SAMPLE-TYPE	DNA-TESTS-4	GENE-TESTS-REQUESTED	RE-TEST-CO-HERD	IDENT	TAG	DOB	SEX	NAME	SIRE-NAME-<	SIRE-IDENT-<	SIRE-ONIA-CJ	SIRE-NAME-<	SIRE-IDENT-<	SIRE-ONIA-CJ	SIRE-NAME-<	SIRE-IDENT-<	SIRE-ONIA-CJ	SIRE-NAME-<	SIRE-IDENT-<	SIRE-ONIA-CJ	DAM-NAME
Normal	ALHF	1707032	1	Har	GGP/D	HFADL HFAGDP POL	0	15627	13BC02	15/06/2014	M	THE RANCH													
Normal	ALHF	1707032	2	Har	SEQ1		0	15627	3H53042	05/04/2013	F	INDEMBRA HI													
Normal	ALHF	1707032	3	Har	SEQ1		0	15627	3H54005	01/04/2013	F	INDEMBRA HI													

Supporting Documentation

*ABRI Society Codes: (http://breedplan.une.edu.au/booklets/Soc_codes_BP.pdf)

#ABRI Laboratory Codes: (<http://breedplan.une.edu.au/booklets/DNA%20Genetic%20Labs%20Codes.pdf>)

* end *