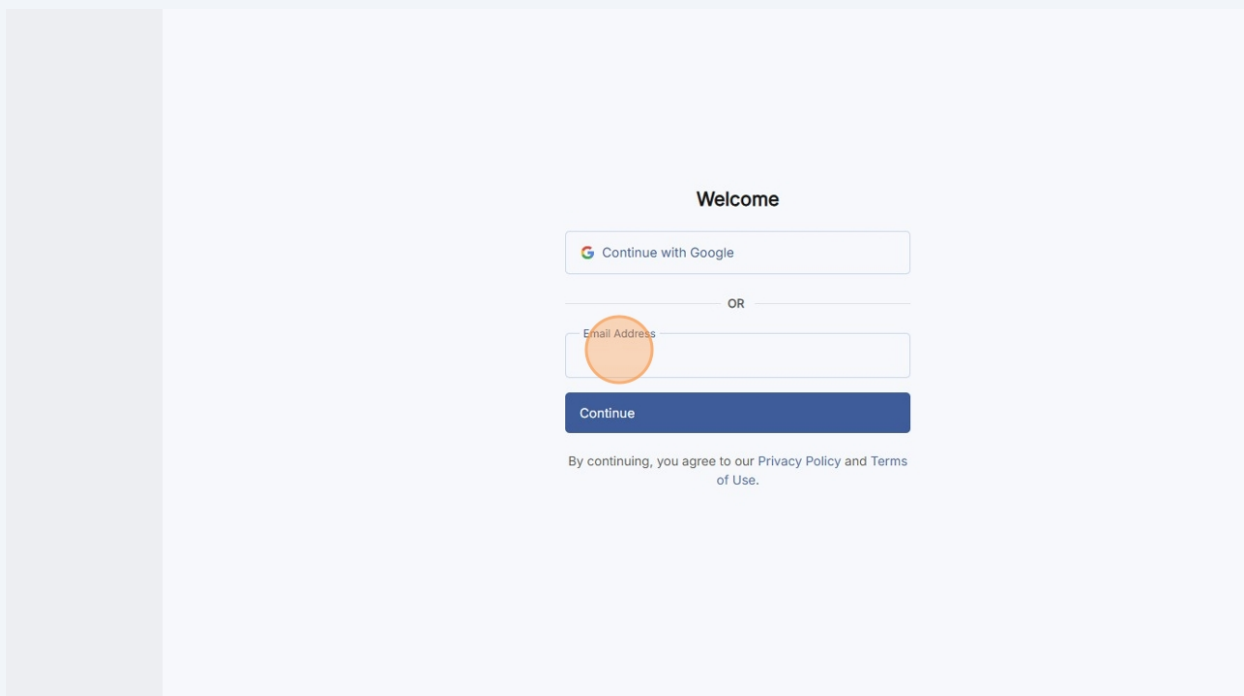


Helical DNA Test Request - Simmental NZ

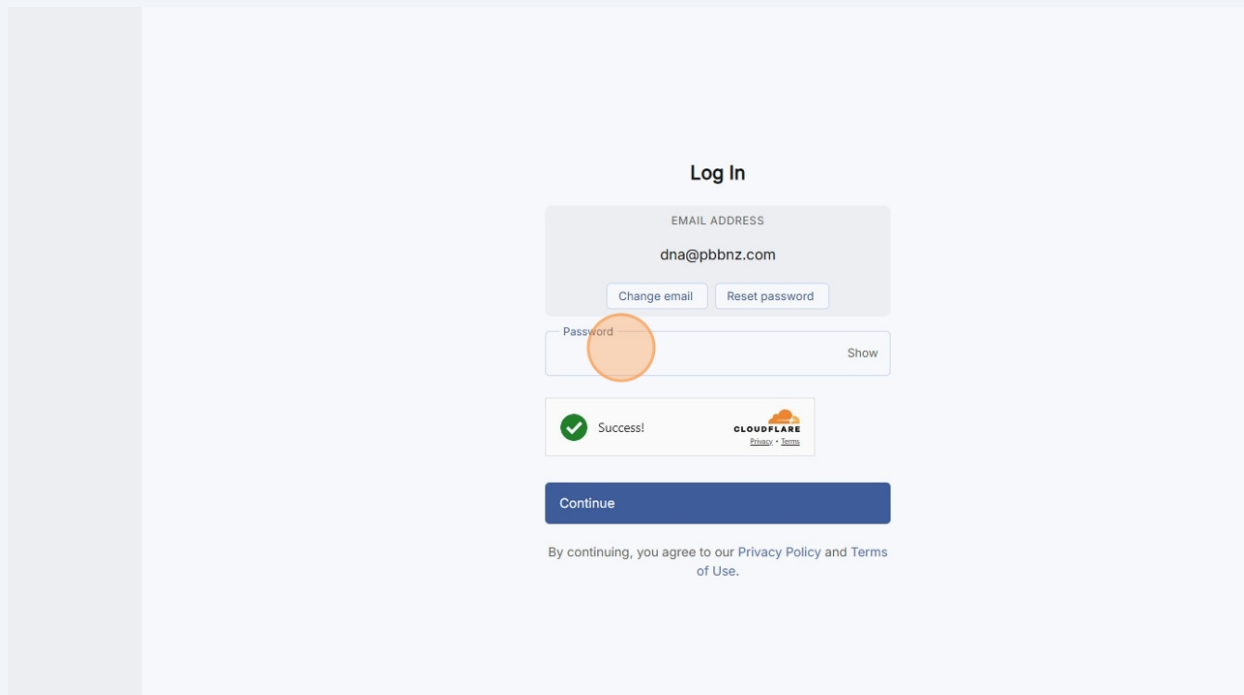
1 [Go to https://app.helicalco.com/auth/login](https://app.helicalco.com/auth/login)

2 Login using the email address associated with your Simmental NZ membership and click "Continue"



The screenshot shows a login interface with the heading "Welcome". It features a "Continue with Google" button, an "OR" separator, and an "Email Address" input field. An orange circle highlights the input field. Below the input field is a blue "Continue" button. At the bottom, there is a line of text: "By continuing, you agree to our Privacy Policy and Terms of Use."

3 Enter your Helical password and click "Continue"




Log In

EMAIL ADDRESS

dna@pbbnz.com

Change email Reset password

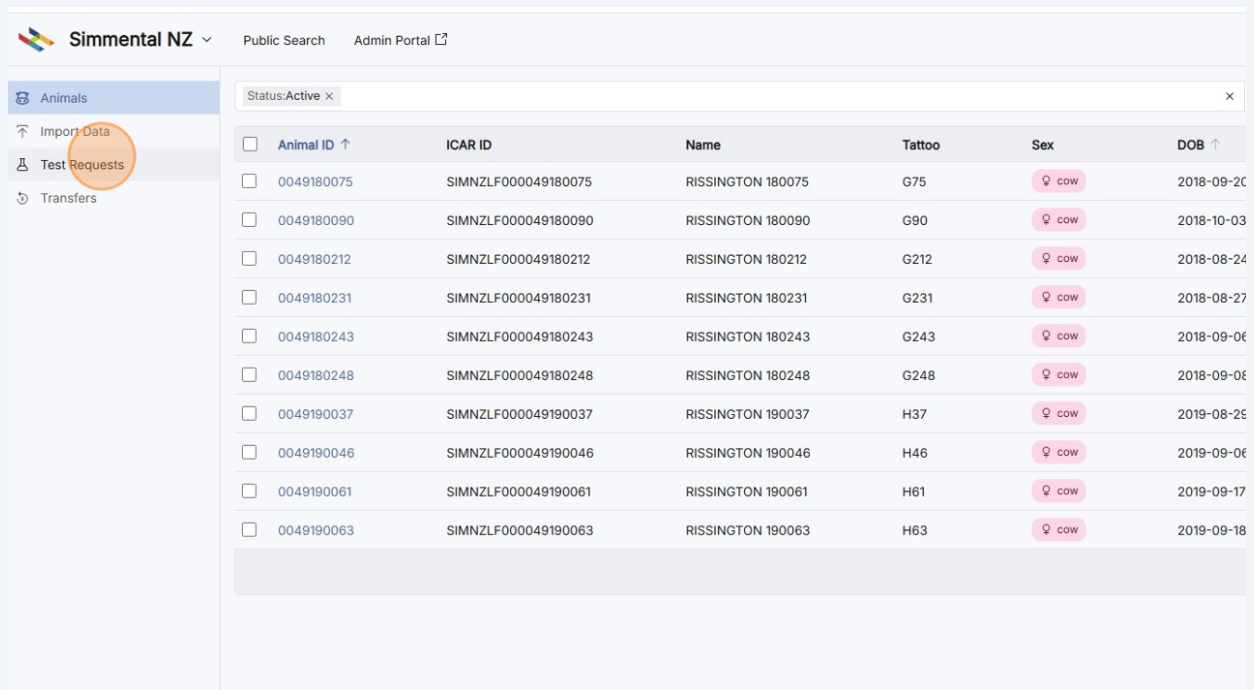
Password Show

Success! 

Continue

By continuing, you agree to our [Privacy Policy](#) and [Terms of Use](#).

4 From the main menu, click the "Test Request" option



Simmental NZ Public Search Admin Portal

Animals

Import Data

Test Requests

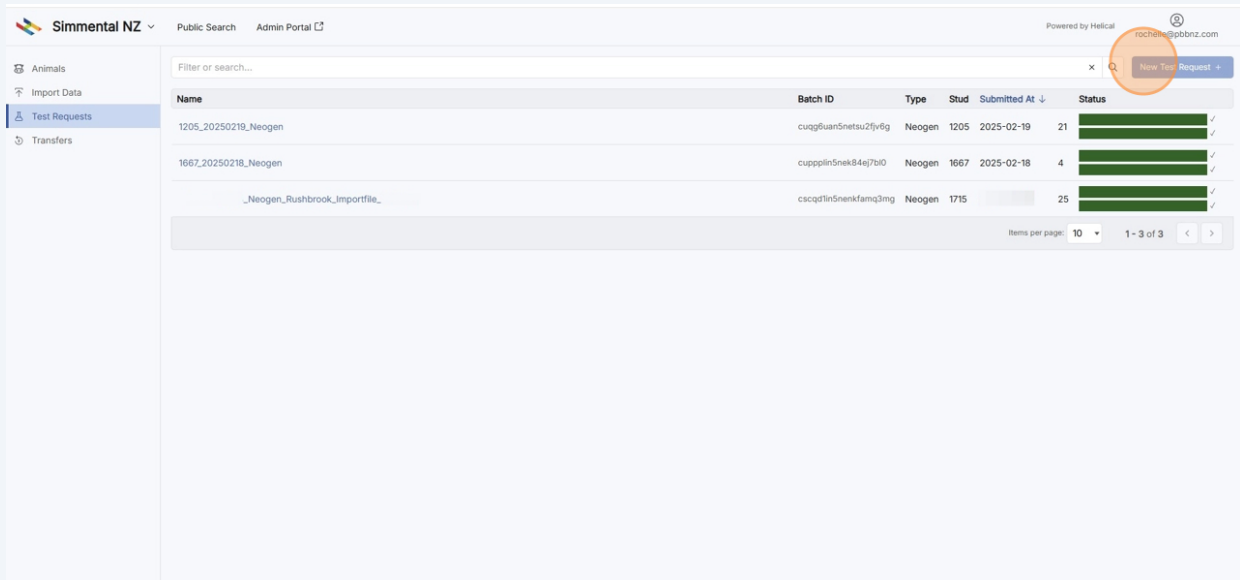
Transfers

Status: Active x

<input type="checkbox"/>	Animal ID ↑	ICAR ID	Name	Tattoo	Sex	DOB ↑
<input type="checkbox"/>	0049180075	SIMNZLF000049180075	RISSINGTON 180075	G75	♀ cow	2018-09-20
<input type="checkbox"/>	0049180090	SIMNZLF000049180090	RISSINGTON 180090	G90	♀ cow	2018-10-03
<input type="checkbox"/>	0049180212	SIMNZLF000049180212	RISSINGTON 180212	G212	♀ cow	2018-08-24
<input type="checkbox"/>	0049180231	SIMNZLF000049180231	RISSINGTON 180231	G231	♀ cow	2018-08-27
<input type="checkbox"/>	0049180243	SIMNZLF000049180243	RISSINGTON 180243	G243	♀ cow	2018-09-06
<input type="checkbox"/>	0049180248	SIMNZLF000049180248	RISSINGTON 180248	G248	♀ cow	2018-09-06
<input type="checkbox"/>	0049190037	SIMNZLF000049190037	RISSINGTON 190037	H37	♀ cow	2019-08-28
<input type="checkbox"/>	0049190046	SIMNZLF000049190046	RISSINGTON 190046	H46	♀ cow	2019-09-06
<input type="checkbox"/>	0049190061	SIMNZLF000049190061	RISSINGTON 190061	H61	♀ cow	2019-09-17
<input type="checkbox"/>	0049190063	SIMNZLF000049190063	RISSINGTON 190063	H63	♀ cow	2019-09-18

5

A list of all existing Test Requests for your herd will display. Click "New Test Request" at the top right of the screen, to submit a new request



Simmental NZ Public Search Admin Portal Powered by Helical roche-spbznz.com

Animals Import Data Test Requests Transfers

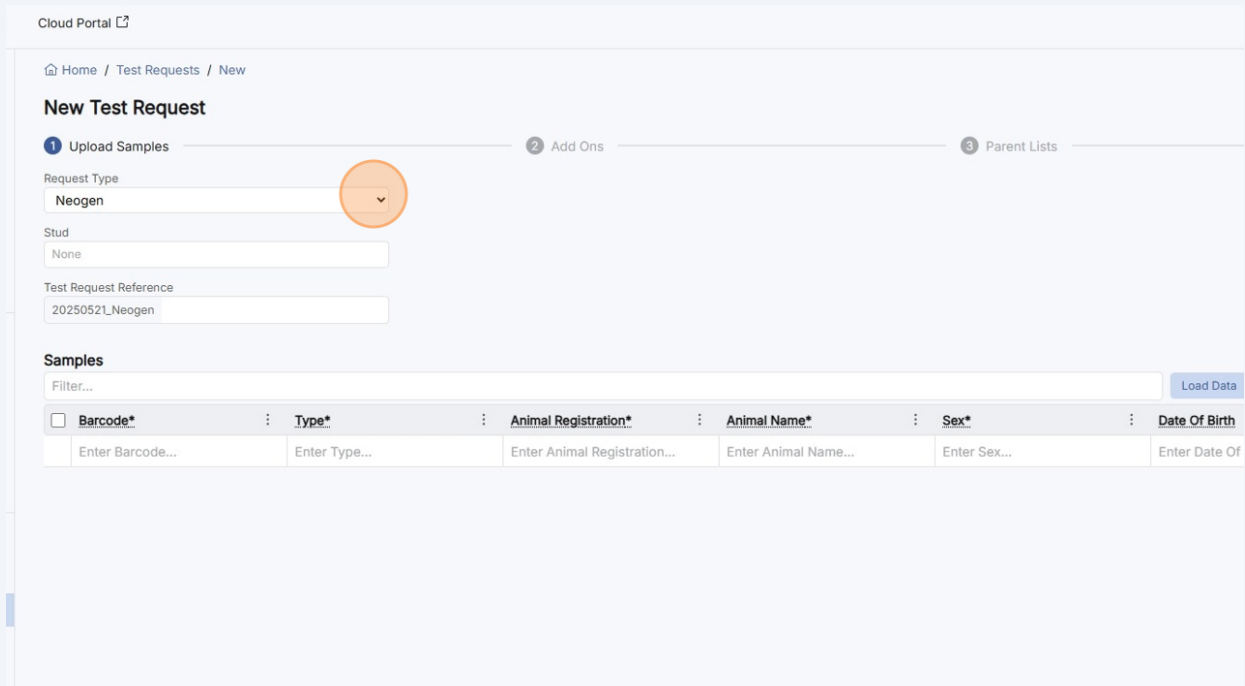
Filter or search...

Name	Batch ID	Type	Stud	Submitted At	Status
1205_20250219_Neogen	cuag6uan5netsu2fv6g	Neogen	1205	2025-02-19	21 ✓
1667_20250218_Neogen	cupppln5nek84ej7bi0	Neogen	1667	2025-02-18	4 ✓
_Neogen_Rushbrook_Importfile_	cscqd1n5nenkfamq3mg	Neogen	1715		25 ✓

Items per page: 10 1 - 3 of 3

6

Select the "Request Type" that you wish to submit by clicking the drop down arrow (currently there is only one option to submit through PBB DNA service provider Neogen)



Cloud Portal

Home / Test Requests / New

New Test Request

1 Upload Samples 2 Add Ons 3 Parent Lists

Request Type
Neogen

Stud
None

Test Request Reference
20250521_Neogen

Samples

Filter... Load Data

Barcode*	Type*	Animal Registration*	Animal Name*	Sex*	Date Of Birth
Enter Barcode...	Enter Type...	Enter Animal Registration...	Enter Animal Name...	Enter Sex...	Enter Date Of Birth

7

Your herd number will auto display in the "Stud" field (as the Admin login is being used for this video, all studs are visible)

Cloud Portal [Cloud Portal](#)

[Home](#) / [Test Requests](#) / [New](#)

New Test Request

1 Upload Samples 2 Add Ons 3 Parent Lists

Request Type
Neogen

Stud
None

Filter...

0001
SOUTHERN/ROBOT

0002
Details unknown

0003
LEVELS FARMING CO.LTD.

0004
Details unknown

0005

Load Data

Animal Registration*	Animal Name*	Sex*	Date Of Birth
Enter Animal Registration...	Enter Animal Name...	Enter Sex...	Enter Date Of Birth...

8

The test request reference will generate a default file name, based on your stud, the date and name of lab. You can choose to add an additional reference such as *2024 calves*

Cloud Portal [Cloud Portal](#)

[Home](#) / [Test Requests](#) / [New](#)

New Test Request

1 Upload Samples 2 Add Ons 3 Parent Lists

Request Type
Neogen

Stud
1312

Test Request Reference
1312_20250521_Neogen

Load Data

Filter...

Barcode*	Type*	Animal Registration*	Animal Name*	Sex*	Date Of Birth
Enter Barcode...	Enter Type...	Enter Animal Registration...	Enter Animal Name...	Enter Sex...	Enter Date Of Birth...

9

Click "Load Data" button to start loading the details of your order

2 Add Ons 3 Parent Lists 4 Summary

Load Data Clear Table View: 0 rows

Type*	Animal Registration*	Animal Name*	Sex*	Date Of Birth	Possible Sires
Enter Type...	Enter Animal Registration...	Enter Animal Name...	Enter Sex...	Enter Date Of Birth...	Enter Possible Sires.

10

There are various ways to load all required details of the animals being tested including copy and paste, upload a file, select animals from your ownership list or via a stockbook request

Cloud Portal

Home / Test Requests / New

New Test Request

1 Upload Samples 2 Add Ons 3 Parent Lists

Request Type: Neogen

Stud: 1312

Test Request Reference: 1312_20250521...

Samples

Filter...

Barcode*

Enter Barcode

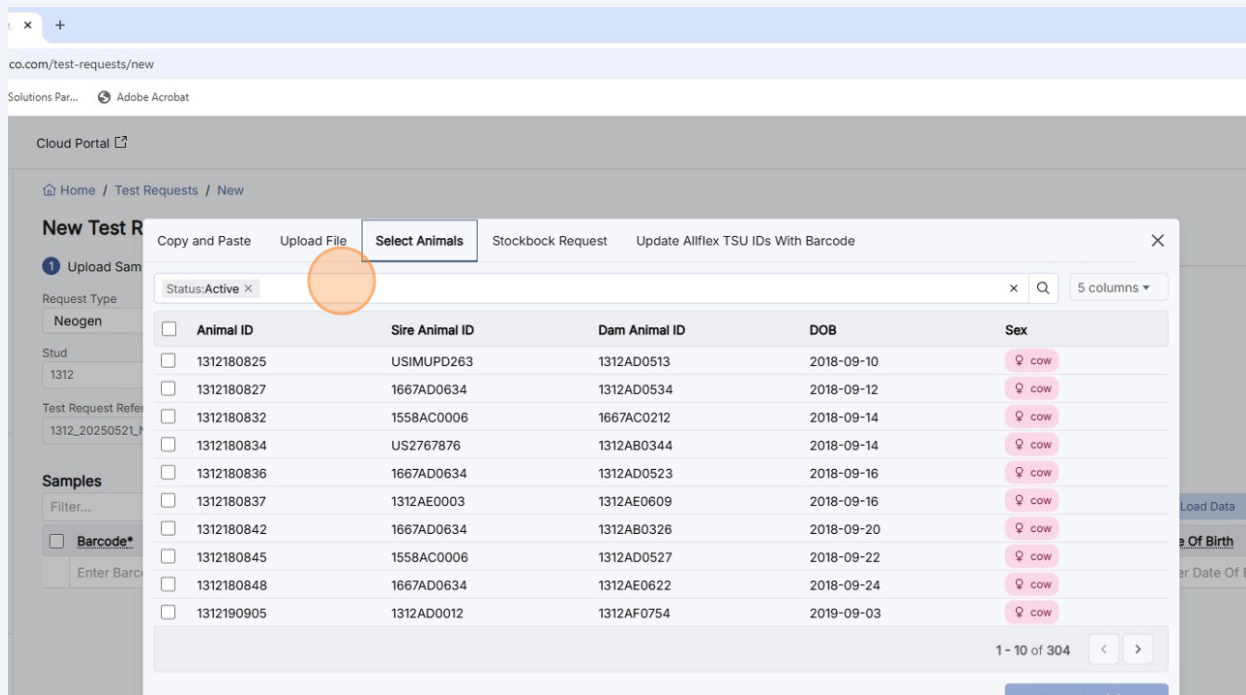
Copy and Paste Upload File Select Animals Stockbook Request Update Allflex TSU IDs With Barcode

Copy and paste cells from spreadsheet

Next →

11

The "Select Animals" option is the recommended option to save you time and avoid having to manually enter details. See example below



Cloud Portal

Home / Test Requests / New

New Test Request

Copy and Paste Upload File **Select Animals** Stockbook Request Update Allflex TSU IDs With Barcode

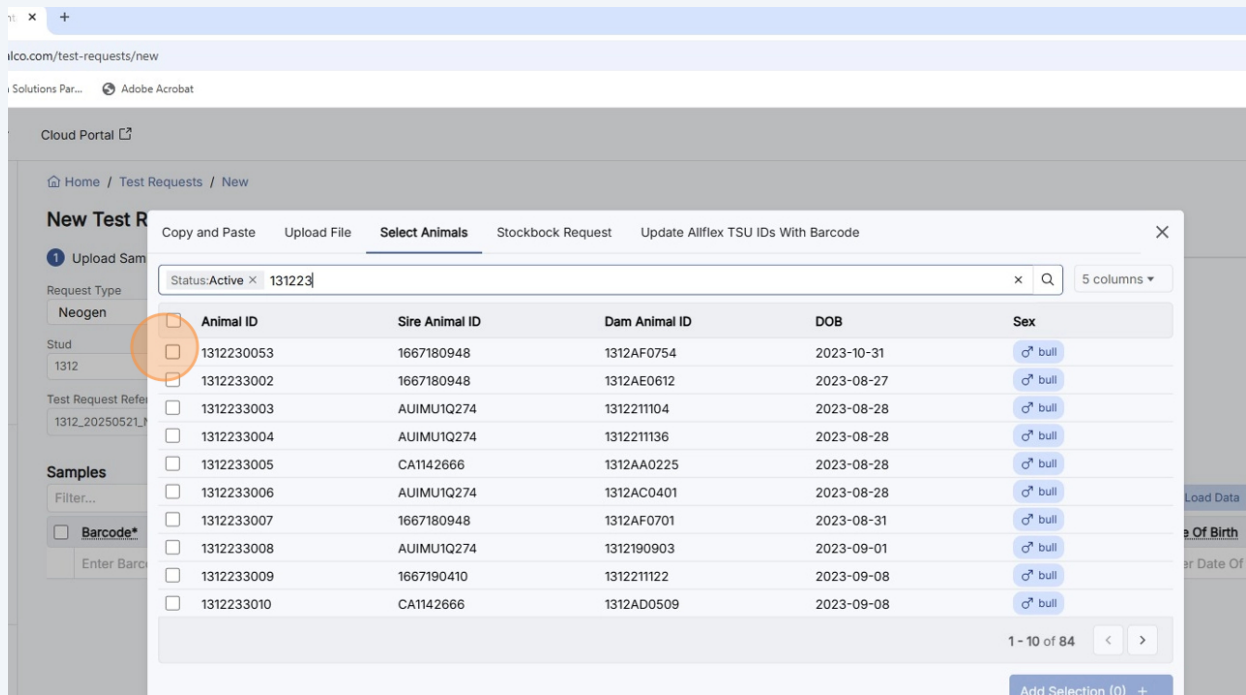
Status: Active x

Animal ID	Sire Animal ID	Dam Animal ID	DOB	Sex
<input type="checkbox"/> 1312180825	USIMUPD263	1312AD0513	2018-09-10	♀ cow
<input type="checkbox"/> 1312180827	1667AD0634	1312AD0534	2018-09-12	♀ cow
<input type="checkbox"/> 1312180832	1558AC0006	1667AC0212	2018-09-14	♀ cow
<input type="checkbox"/> 1312180834	US2767876	1312AB0344	2018-09-14	♀ cow
<input type="checkbox"/> 1312180836	1667AD0634	1312AD0523	2018-09-16	♀ cow
<input type="checkbox"/> 1312180837	1312AE0003	1312AE0609	2018-09-16	♀ cow
<input type="checkbox"/> 1312180842	1667AD0634	1312AB0326	2018-09-20	♀ cow
<input type="checkbox"/> 1312180845	1558AC0006	1312AD0527	2018-09-22	♀ cow
<input type="checkbox"/> 1312180848	1667AD0634	1312AE0622	2018-09-24	♀ cow
<input type="checkbox"/> 1312190905	1312AD0012	1312AF0754	2019-09-03	♀ cow

1 - 10 of 304

12

Animals in your ownership can be filtered by year of birth etc



Cloud Portal

Home / Test Requests / New

New Test Request

Copy and Paste Upload File **Select Animals** Stockbook Request Update Allflex TSU IDs With Barcode

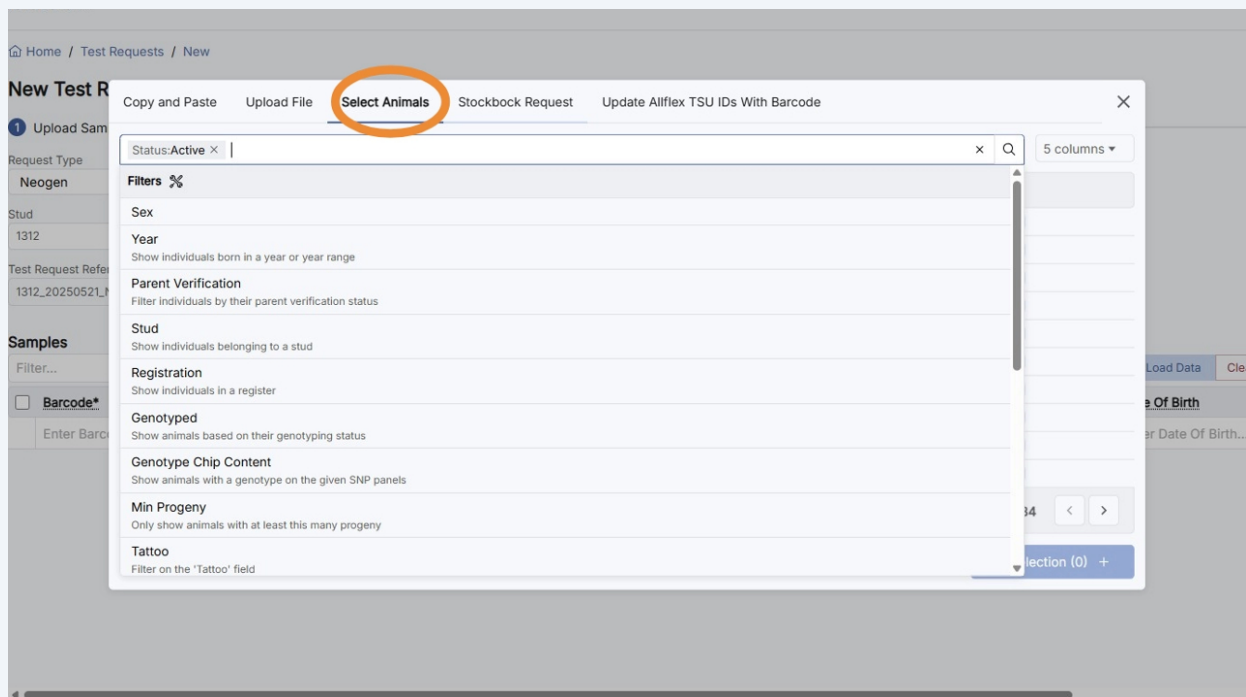
Status: Active x 131223

Animal ID	Sire Animal ID	Dam Animal ID	DOB	Sex
<input type="checkbox"/> 1312230053	1667180948	1312AF0754	2023-10-31	♂ bull
<input type="checkbox"/> 1312233002	1667180948	1312AE0612	2023-08-27	♂ bull
<input type="checkbox"/> 1312233003	AUIMU1Q274	1312211104	2023-08-28	♂ bull
<input type="checkbox"/> 1312233004	AUIMU1Q274	1312211136	2023-08-28	♂ bull
<input type="checkbox"/> 1312233005	CA1142666	1312AA0225	2023-08-28	♂ bull
<input type="checkbox"/> 1312233006	AUIMU1Q274	1312AC0401	2023-08-28	♂ bull
<input type="checkbox"/> 1312233007	1667180948	1312AF0701	2023-08-31	♂ bull
<input type="checkbox"/> 1312233008	AUIMU1Q274	1312190903	2023-09-01	♂ bull
<input type="checkbox"/> 1312233009	1667190410	1312211122	2023-09-08	♂ bull
<input type="checkbox"/> 1312233010	CA1142666	1312AD0509	2023-09-08	♂ bull

1 - 10 of 84

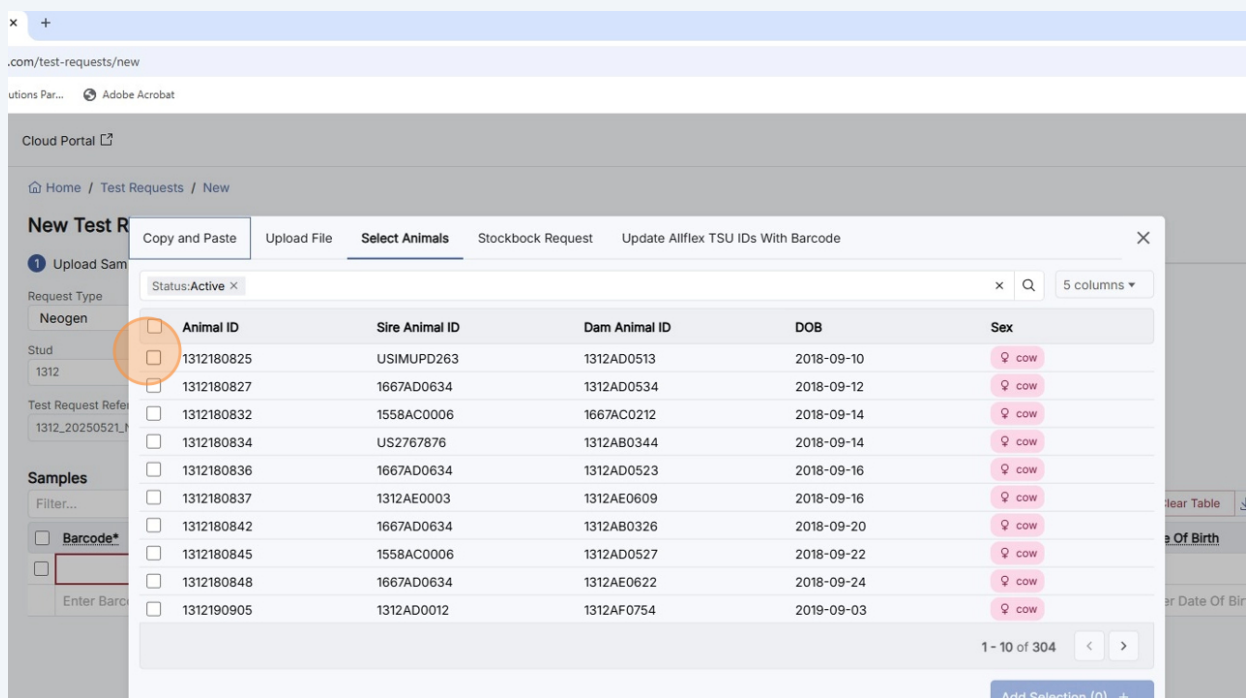
Add Selection (0) +

13 Other filters available include the following



14 Click to select which animals are to be included in the order

To bulk select animals, click the tickbox at the very top of the animal list. This will select all animals in the list, based on the filter you have applied



- 15 Click "Add Selection". The total number of selected animals will be displayed

5 columns

USIMUPD263	1312AD0513	2018-09-10	♀ cow
1667AD0634	1312AD0534	2018-09-12	♀ cow
1558AC0006	1667AC0212	2018-09-14	♀ cow
US2767876	1312AB0344	2018-09-14	♀ cow
1667AD0634	1312AD0523	2018-09-16	♀ cow
1312AE0003	1312AE0609	2018-09-16	♀ cow
1667AD0634	1312AB0326	2018-09-20	♀ cow
1558AC0006	1312AD0527	2018-09-22	♀ cow
1667AD0634	1312AE0622	2018-09-24	♀ cow
1312AD0012	1312AF0754	2019-09-03	♀ cow

1 - 10 of 304

Add Selection (1) +

Summary

Clear Table

View: 1 row - show 5 errors

Date Of Birth

Possible Sires

Enter Date Of Birth...

Enter Possible Sires.

Save and Exit

Next

- 16 Complete all required fields (that have not already been auto-generated) such as TSU barcode and sample type.

TSU barcode numbers will need to be typed or scanned into the field

1 Upload Samples

2 Add Ons

3 Parent Lists

Request Type

Neogen

Stud

1312

Test Request Reference

1312_20250521_Neogen 2023calves

Samples

Filter...

Load Data

Clear Table

Barcode*	Type*	Animal Registration*	Animal Name*	Sex*	Date Of Birth
		1312180825		Cow	2018-09-10
Barcode is required	Enter Type...	Enter Animal Registration...	Enter Animal Name...	Enter Sex...	Enter Date Of B

17 Enter Sample Type

To apply the same Sample Type for all animals in the order (instead of entering each manually) click the box to the left of "Barcode", you then have the option to "Set All" Sample Types

<input checked="" type="checkbox"/> Barcode*	Type* Set All	Animal Registration*
<input checked="" type="checkbox"/>	tissue	
<input checked="" type="checkbox"/>	tissue	
<input checked="" type="checkbox"/>	tissue	
<input checked="" type="checkbox"/>	tissue	
<input checked="" type="checkbox"/>	tissue	
<input checked="" type="checkbox"/>	tissue	

Enter Barcode... Enter Type... Enter Animal Registration...

18 Once all required fields have been completed, click "Next"

At any stage, you can click "Save and Exit" to save the order details to review and submit later

Animal Name*	Sex*	Date Of Birth	Possible Sires
Inside 825	Cow	2018-09-10	USIMUPD263

Enter Animal Name... Enter Sex... Enter Date Of Birth... Enter Possible Sires...

Save and Exit Next

19

Select what test the animals require by selecting all animals that require the same type of test. To bulk select, click in the box by the Animal ID header, this will select all animals in the order

Home / Test Requests / New

New Test Request

1 Upload Samples

2 Add Ons

3 Parent Lists

Choose bundle and optional add-ons for your animals.

To choose bundles for multiple animals, select the animals you want to update then choose the bundle from the table header.

The following bundles are available:

- **Simmental 100K Bundle:** includes Simmental Bundle, Genotype, Parent Verification, TEND, COAT, POLL and DL
- **100K SNP profile (includes parentage):** includes GGP100K Standalone, Genotype and Parent Verification
- **Seeksire (includes parentage):** includes Parentage SNP, Genotype and Parent Verification
- **POLL:** includes POLL and Genotype

*All pricing is in NZD

<input checked="" type="checkbox"/>	Animal ID	Sample ID		Cost
<input checked="" type="checkbox"/>	1312180825	ZU1234567		NZ\$
Total:				NZ\$

20

Then select the relevant test from the drop-down list of options, for example the Simmental 100K bundle

1 Upload Samples

2 Add Ons

3 Parent Lists

Choose bundle and optional add-ons for your animals.

To choose bundles for multiple animals, select the animals you want to update then choose the bundle from the table header.

The following bundles are available:

- **Simmental 100K Bundle:** includes Simmental Bundle, Genotype, Parent Verification, TEND, COAT, POLL and DL
- **100K SNP profile (includes parentage):** includes GGP100K Standalone, Genotype and Parent Verification
- **Seeksire (includes parentage):** includes Parentage SNP, Genotype and Parent Verification
- **POLL:** includes POLL and Genotype

*All pricing is in NZD

Animal ID	Sample ID	Bundle	Cost
1312180825	ZU1234567		NZ\$0.00
Total:			NZ\$0.00

- Simmental 100K Bundle
- 100K SNP profile (includes parentage)
- Seeksire (includes parentage)
- POLL

21 Select the BVDV add-on test if required

your animals.

Select the animals you want to update then choose the bundle from the

mental Bundle, Genotype, Parent Verification, TEND, COAT, POLL and DL
: includes GGP100K Standalone, Genotype and Parent Verification
is Parentage SNP, Genotype and Parent Verification

Sample ID	Bundle	BVDV	Sample Storage	Cost
134567	Simmental 100K Bundle	<input type="checkbox"/>	<input type="checkbox"/>	NZ\$62.00
		<input type="checkbox"/>	<input type="checkbox"/>	NZ\$62.00

BVDV may be added to this sample for NZ\$12.50

Save and Exit Next

22 The individual test price for each animal, as well as the total price of the order, will be displayed (this will be invoiced by PBB at a later date, following completion of the DNA testing). Click "Next"

your animals.

Select the animals you want to update then choose the bundle from the

mental Bundle, Genotype, Parent Verification, TEND, COAT, POLL and DL
: includes GGP100K Standalone, Genotype and Parent Verification
is Parentage SNP, Genotype and Parent Verification

Sample ID	Bundle	BVDV	Sample Storage	Cost
134567	Simmental 100K Bundle	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NZ\$74.50
				NZ\$74.50

Save and Exit Next

23

If you only want the expected sire and dam currently recorded against the animal included in parentage analysis (these are displayed on the first page), then leave this page blank and click "Next"

If there are additional possible sires and dams to be included in parentage analysis, please enter them at this stage

This can be done the same way as entering the animal details, including copy and paste, upload a file, select additional parents from your ownership list or via a stockbook request

Once completed, click "Next"

Parentage analysis is run in-house by the PBB DNA team

The screenshot shows a web application interface for parentage analysis. At the top, there's a navigation bar with a star icon, a share icon, a user icon, and a menu icon. Below this is a breadcrumb trail: 'Add Ons' (checked), 'Parent Lists' (active), and 'Summary'. A note states: 'tential sires or dams for all animals in the test request. They are used as if the sires or dams specifically nominated for an animal fail to verify.'

The main section is titled 'Dams' and contains a table with the following controls: 'Filter...', 'Load Data', 'Clear Table', a download icon, 'View:' with a table icon, and '0 rows'. The table has a header row with a checkbox and the label 'ID', and a text input field below it labeled 'Enter ID...'. An orange circle highlights the 'Load Data' button.

24 Check and solve any warnings or errors that may appear

Home / Test Requests / New

New Test Request

☒ Upload Samples ☒ Add Ons ☒ Parent Lists

Stud ID:
Request Type: **Neogen**
Total Samples: **1**

Stud Name: SIMMENTALS
Request Reference: _20250521_Neogen_2023calves
Total Cost: **NZ\$74.50**

Search...

Barcode	Type	Animal Registration	Animal Name	Sex	Date Of Birth	Possible Sires	Possible Dams	Bundle
<input checked="" type="checkbox"/> ZU1234567 • Already genotyped	tissue	<input type="text"/>	<input type="text"/> 825	♀ cow	2018-09-10	USIMUPD263	1312AD0513	Simmental 10

1 warning found
Please review the warnings before submitting

25 You will need to select that you agree to the terms and conditions before you submit the DNA Test Request

PBB DNA Terms and Conditions
Please read and accept before submitting your DNA Test Request

I understand and agree

1. That PBB will invoice me following submission of this form, in the next monthly billing cycle, once DNA results have been reported.
2. That I am the legal owner of the sample/s to be tested, have permission to access the sample/s from the legal owner, or I am the owner of the animal from which the sample is derived and have the right to access the sample for the purpose of this DNA testing.
3. That when requesting a DNA test and parent verification, I am paying for the DNA testing of the animal only. A qualified parent verification result is not guaranteed.
4. That when requesting a Genomic profile, I am only paying for the genotyping of the animal. Genomically enhanced EBVs are not guaranteed due to additional quality control checks applied by the Genomic Evaluation provider.
5. That when requesting an existing sample to be retested, there is an increased risk of sample failure due to sample degradation.

☒ I agree to the PBB DNA Terms and Conditions outlined above *

26

Once all order details have been double checked and the order is ready to submit, click "Submit Request"

Please note - once submitted, you will not be able to edit the Test Request

Upload Samples

Stud ID: 1312

Request Type: Neogen

Total Samples: 1

Add Ons

Stud Name: GLENSIDE SIMMENTALS

Request Reference: 1312_20250521_Neogen_2023calves

Total Cost: NZ\$74.50

Parent Lists

Search...

Barcode	Type	Animal Registration	Animal Name	Sex	Date Of Birth	Possible Sires	Possible Dams	Bundle
<input type="checkbox"/> ZU1234567	tissue	1312180825	Glenside 825	♀ cow	2018-09-10	USIMUPD263	1312AD0513	Simmental 10
• Already genotyped								

1 warning found

Please review the warnings before submitting

Submit Request ✓

Save and Exit

27

The submitted order will now appear in your list of DNA Test Requests - showing the date submitted and current status of the order. Click on the Test Request anytime to view details of the order or the samples included

You will also receive email confirmation to your provided email address

Cloud Portal

Home / Test Requests

Documentation

Test Requests

Samples

Awaiting Genotype

1

Parentage

Genetic Tests

1

Request Status: accepted, pending x

Name	Request ID	Stud	Created By	Submitted ↓	Status	
1312_20250521_Neogen_2023calves Neogen	d0mjbnqn5nev3fe4ersg			2025-05-21	1	1 5 Stud View
1312_20250219_Neogen Neogen	cuqg6uan5netsu2fjv6g			2025-02-19	21	5 Stud View
1312_20250218_Neogen Neogen	cuppplln5nek84ej7bi0			2025-02-18	4	5 Stud View
1312_20241024_Neogen_Importfile_241024 Neogen	cscqdlin5nenkfamq3mg			2024-10-24	25	5 Stud View

Items per page: 10 1 - 4 of 4 < >

28

The test request will be submitted to PBB DNA for cross-checking. Should the team have any queries, you will be contacted directly

Once the order has been checked and approved by the DNA team, it will be uploaded into the Neogen order system and the samples shipped to the Neogen lab for processing



For support and assistance please contact the PBB DNA team
Phone 063234484 or email dna@pbbnz.com