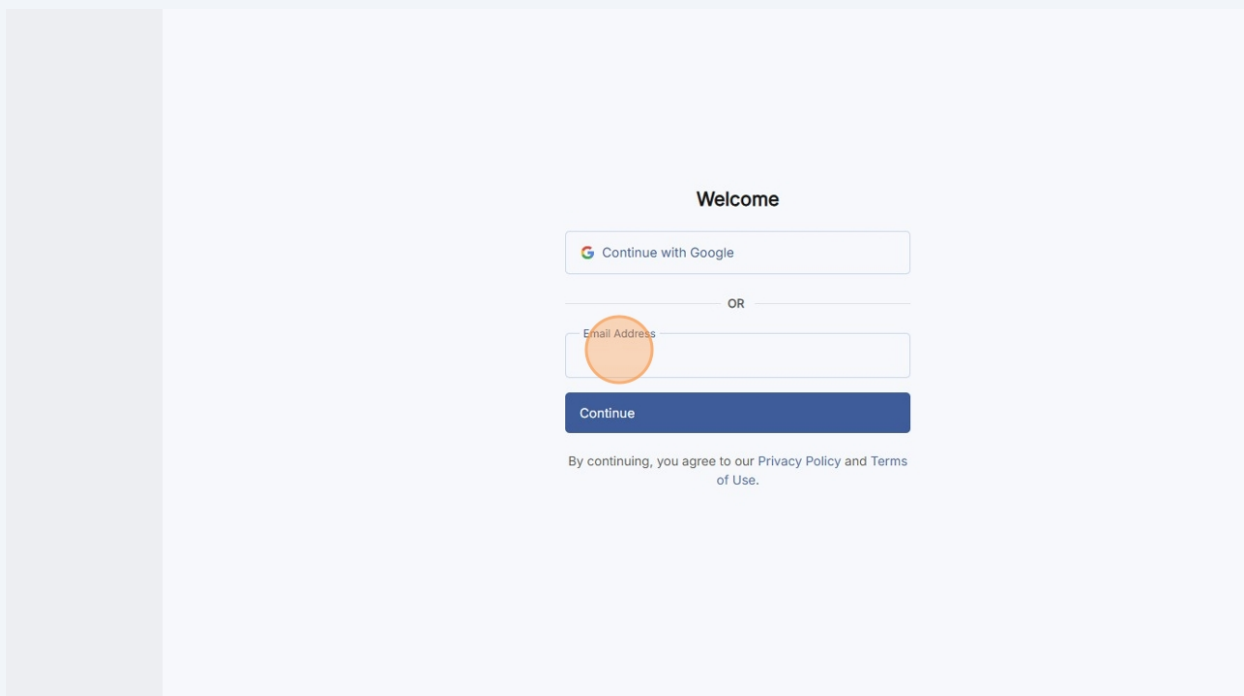# Helical DNA Test Request - Simmental NZ
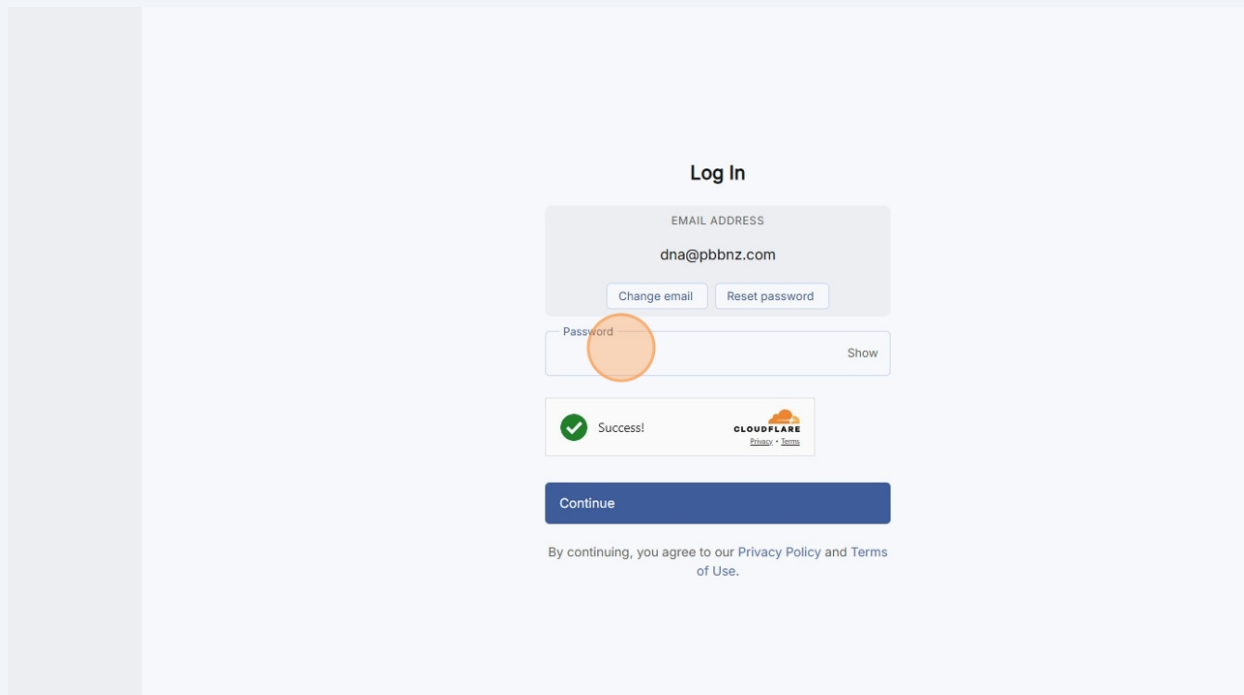
1   [Go to https://app.helicalco.com/auth/login](https://app.helicalco.com/auth/login)

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

Welcome

G Continue with Google

OR

Email Address

Continue

By continuing, you agree to our Privacy Policy and Terms of Use.

3 Enter your Helical password and click "Continue"

Log In

EMAIL ADDRESS

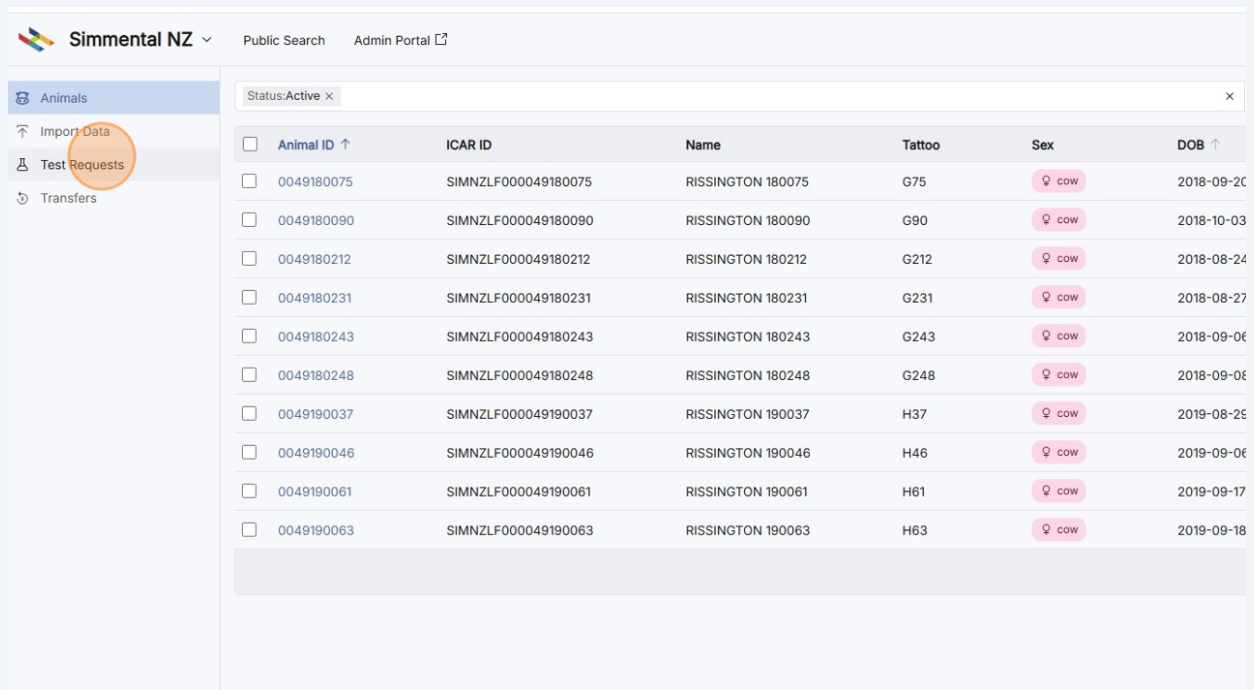dna@pbbnz.com

Change email   Reset password

Password
                                          Show

✅ Success!   CLOUDFLARE
                  Privacy • Terms

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 ⧉
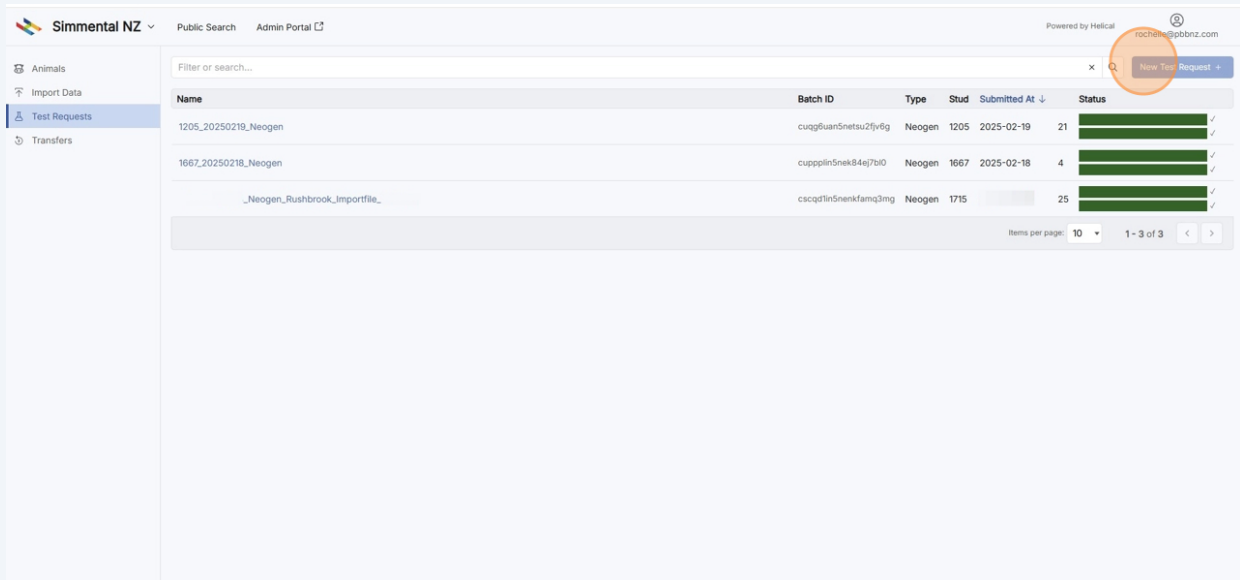
Animals

Import Data

Test Requests

Transfers

Status:Active ✕   ✕

	Animal ID ↑	ICAR ID	Name	Tattoo	Sex	DOB ↑
☐	0049180075	SIMNZLF000049180075	RISSINGTON 180075	G75	♀ cow	2018-09-20
☐	0049180090	SIMNZLF000049180090	RISSINGTON 180090	G90	♀ cow	2018-10-03
☐	0049180212	SIMNZLF000049180212	RISSINGTON 180212	G212	♀ cow	2018-08-24
☐	0049180231	SIMNZLF000049180231	RISSINGTON 180231	G231	♀ cow	2018-08-27
☐	0049180243	SIMNZLF000049180243	RISSINGTON 180243	G243	♀ cow	2018-09-06
☐	0049180248	SIMNZLF000049180248	RISSINGTON 180248	G248	♀ cow	2018-09-08
☐	0049190037	SIMNZLF000049190037	RISSINGTON 190037	H37	♀ cow	2019-08-29
☐	0049190046	SIMNZLF000049190046	RISSINGTON 190046	H46	♀ cow	2019-09-06
☐	0049190061	SIMNZLF000049190061	RISSINGTON 190061	H61	♀ cow	2019-09-17
☐	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

Name	Batch ID	Type	Stud	Submitted At ↓	Status
1205_20250219_Neogen	cuqg6uan5netsu2fjv6g	Neogen	1205	2025-02-19	21
1667_20250218_Neogen	cuppplin5nek84ej7bl0	Neogen	1667	2025-02-18	4
_Neogen_Rushbrook_Importfile_	cscqd1in5nenkfamq3mg	Neogen	1715		25

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

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

🏠 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

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

Load Data

---

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

🏠 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 |
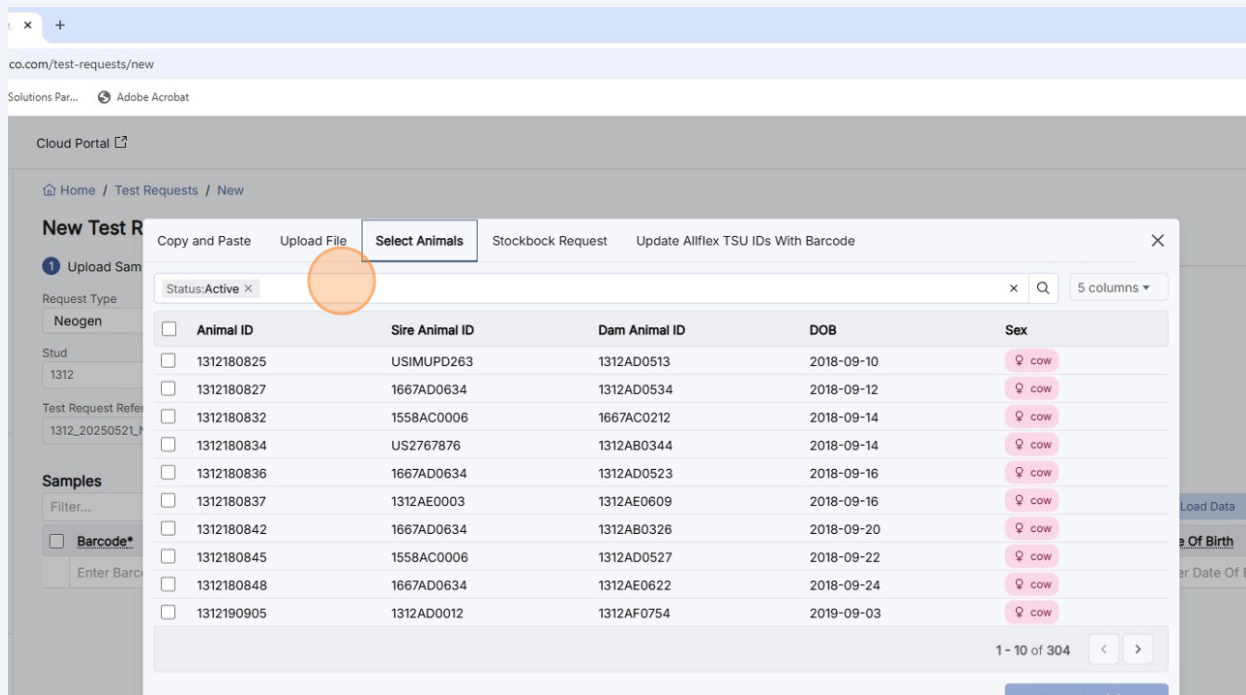
Samples

| 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 Bi

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

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

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

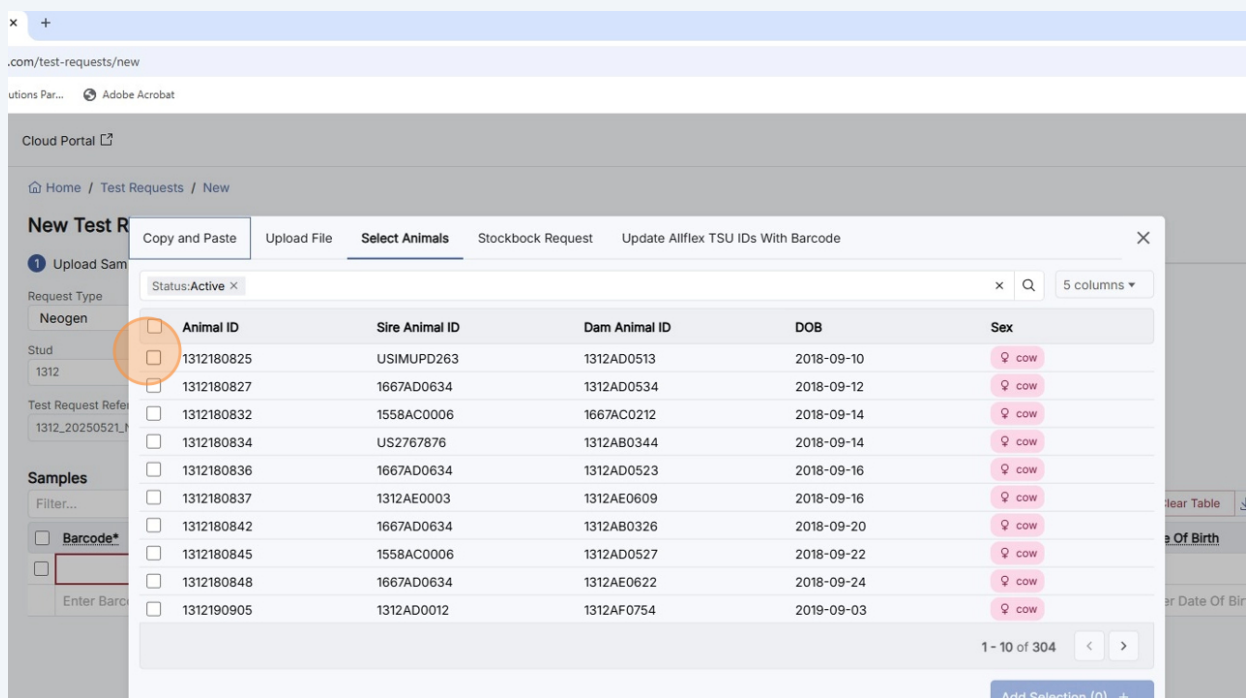**12** Animals in your ownership can be filtered by year of birth etc

13 Other filters available include the following
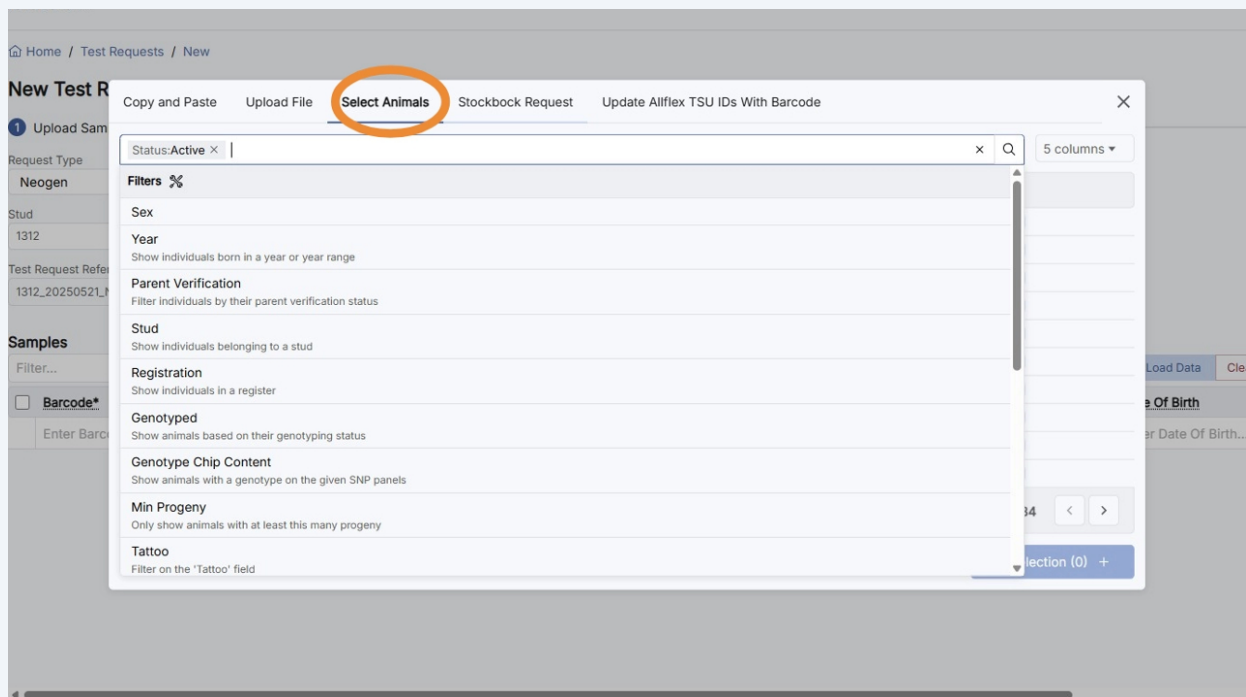
14 Click to select which animals are to be included in the order

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

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

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

Samples

Filter...

☑	Barcode*	⋮	Type* [Set All ▾]	⋮	Animal Registration*	⋮	
☑			tissue				
☑			tissue				
☑			tissue				
☑			tissue				
☑			tissue				
☑			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

nal Name*	⋮	Sex*	⋮	Date Of Birth	⋮	Possible Sires
side 825		Cow		2018-09-10		USIMUPD263
r 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

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

21   Select the BVDV add-on test if required

② Add Ons		③ Parent Lists		④ Summary

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
:s Parentage SNP, Genotype and Parent Verification

ple ID	Bundle	BVDV	Sample Storage	Cost
234567	Simmental 100K Bundle ▾	☐	☐	NZ$62.00
				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"

② Add Ons		③ Parent Lists		④ Summary

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
:s Parentage SNP, Genotype and Parent Verification

ple ID	Bundle	BVDV	Sample Storage	Cost
234567	Simmental 100K Bundle ▾	☑	☐	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

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:		Stud Name:	SIMMENTALS
Request Type:	Neogen	Request Reference:	_20250521_Neogen_2023calves
Total Samples:	1	Total Cost:	NZ$74.50

Search...

Barcode	Type	Animal Registration	Animal Name	Sex	Date Of Birth	Possible Sires	Possible Dams	Bundle
☐ ZU1234567 • Already genotyped	tissue		825	♀ cow	2018-09-10	USIMUPD263	1312AD0513	Simmental 10

⚠ **1 warning found**
Please review the warnings before submitting

[Submit Request ✓] [Save and Exit]

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 deterioration.

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

[Submit Request ✓] [Save and Exit]

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

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

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