

WebConnect

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WebConnect

- **WebConnect** is a user interface introduced in August, 2022
- For **public** and **members**
(accessibility depends on configuration of the user)
- **WebConnect** made it easy for users to query, update, edit, add, remove, move and view data
- Some **batch submissions** and **API** interactions became possible
- Animal centric
- Interactive query system

The screenshot displays the CDCB WebConnect interface. At the top, there is a navigation bar with the CDCB logo and a 'Welcome, Kaifai!' message. Below this is a 'QUERIES' section with a search bar and a dropdown menu. The main content area shows a search result for an animal with ID 'JUS4001862183'. The animal's details are displayed in a table format, including fields for Name, DOB, Sex, and various codes. Below the animal details, there are sections for 'Sire', 'Dam', and 'Parental Granddam', each showing the details of the respective parent or grandparent. A 'Cross Reference' table is also visible, showing a list of animals with columns for Animal ID, Name, Sex, and Mat Date. The interface is clean and modern, with a blue and white color scheme.

Tabs



- **Queries**
ID/pedigree, evaluation, Genotype, Error tabs for given Animal ID (s) (Max. 50 records)
- **Data Exchange**
ID/pedigree, Genotype, Special Section, Reports, and Create report (for list of animals requested in a file)
- **Special Section**
Includes tools for specific tasks or information handled differently from regular queries
- **Top Animal Listing, Summary Stats, National Performance Metrics**
General information on the National Cooperator Database
- Please **see slide 33 and after** for detailed info

WebConnect

Web Queries

Data Exchange User Interface

Data Exchange 3rd Party

- Graphical User Interface
- Animal-centric
- Limitation of a result set of 50 records or less

- Graphical User Interface
- Intermediate between Web Queries and Data Exchange 3rd party
- Allows exchange information in files (input and output)

- Data exchange done through API* (not GUI)
- Requires Advanced (skilled) API usage
- Ezequiel will talk about it tomorrow



application programming interface (API*) is a way for two or more computer programs or components to communicate with each other. (wikipedia)

WebConnect : Jan-June 2024

	Web Queries	Data- Exchange UI	Data-Exchange 3 rd Party
Total Users	96 users (18 Organizations)	54 Users (8 Organizations + 'unmapped')	3 Users (3 Organizations)
Total Submissions	158,569	11,936	406,140
Most used Queries	FIX_FMT1, Bulk Nomination, edit_ped	Genotype Query, Get Animal Formatted Pedigree, Genotype Nomination Status	Genotype Query, Get Animal Formatted Pedigree, Get Animal ID by 12 Character ID Number

Nomination using WebConnect - login

[Login](#)

[Queries](#) [Special Section](#) [Top Animal Listing](#) [Summary Stats](#) [National Performance Metrics](#)

COLLABORATOR LOGIN

The CDCB database is currently locked. Any submissions made will be processed automatically as soon as the database is unlocked.

Message if database is locked

Session timed out. Please log-in again.

Credentials

Username or Email
kaori.tokuhisa@uscdcb.com

Password
.....

Account help

Forgot Password? Register New Account?

LOGIN

WARNING: This system is for the use of authorized users only. Individuals using this computer system without authority, or in excess of their authority, are subject to having all of their activities on this system monitored and recorded by system personnel. In the course of monitoring individuals improperly using this system, or in the course of system maintenance, the activities of authorized users may also be monitored. Anyone using this system expressly consents to such monitoring and is advised that if such monitoring reveals possible evidence of criminal activity, system personnel may provide the evidence of such monitoring to law enforcement officials.

Queries Tab – ID entry



Welcome, KaoTok

[Queries](#) [Data Exchange](#) [Special Section](#) [Top Animal Listing](#) [Summary Stats](#) [National Performance Metrics](#)

QUERIES

SEARCH FOR

Cattle

Goat

INPUT:

- Animal ID (17 bytes): **Breed, Country Code, and ID Number.**
- Animal ID + Sex Code (18 bytes): **Breed, Country Code, Sex Code, and ID Number.** (may be omitted leading zeros)

E.g.

- Animal ID (17 bytes): JEUSA000118662185
- Animal ID + Sex Code (18 bytes): HO124F000007890183 or HO124F7890183

Maximum 50 items/once

Over 50 items: [Data Exchange](#)

Animal ID (17 bytes)/ Animal ID + Sex Code (18 bytes)

Animal ID (12 bytes)

Animal ID (17 bytes)/ Animal ID + Sex Code (18 bytes)

Animal Interbull ID (19 bytes)

Sample ID (20 bytes max)

NAAB Code

Run Query

Clear

Choose a format of the ID that you are querying from the dropdown menu



Queries Tab – ID entry



Welcome, KaoTok !

[Queries](#) [Data Exchange](#) [Special Section](#) [Top Animal Listing](#) [Summary Stats](#) [National Performance Metrics](#)

QUERIES

The CDCB database is currently locked. Any submissions made will be processed automatically as soon as the database is unlocked.

SEARCH FOR

Cattle

Goat

Animal ID (17 bytes)/ Animal ID + Sex Code (18 bytes)

INPUT:

- Animal ID (17 bytes): **Breed, Country Code, and ID Number.**
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E.g.

- Animal ID (17 bytes): JEUSA000118662185
- Animal ID + Sex Code (18 bytes): HO124F000007890183 or HO124F7890183

Maximum 50 items/once

Over 50 items: [Data Exchange](#)

JEUSA000118662185

Run Query

Clear

1. Enter Animal ID in a format you chose
2. Click "Run Query"



Queries Tab - ID/Pedigree

SEARCH FOR Cattle Goat Found 1/1 result sets

HO840003287672539

ID/Pedigree Evaluation Genotype Progeny Errors Lactations

Requested ID Searches
HO840003287672539

1 result(s) found!

Animal

Requested Information: HO840003287672539
Preferred ID: HO840003287672539
Name:
DOB: 2022-12-14
Sex: F
[Multi-Birth Code:](#) 3
[Registry Status:](#)
[ID Source Code:](#) N
[Pedigree Source Code:](#) N
Mod Date: 2024-06-02

Cross References

Animal ID	Name	Sex	Mod Date	SRC	Reg
No records available.					

Paternal Grand sire

ID:
Name:
DOB:
[Source Code:](#)
Genotyped:

Paternal Grandam

ID:
Name:
DOB:
[Source Code:](#)
Genotyped:

Maternal Grand sire

ID:
Name:
DOB:
[Source Code:](#)
Genotyped:

Maternal Grandam

Sire

ID:
Name:
DOB:
[Source Code:](#)
Genotyped:

Dam

ID:
Name:
DOB:
[Source Code:](#)

Clonal Family Members

No Clones Known.

[Edit](#)

Available information:

- General profile of the animal
- Three-generation family tree
- Cross reference information
- Clonal family information
- Edit button available if you have privilege to edit the info

Queries Tab - ID/Pedigree Query (Edit)

CH FOR Cattle Goat Animal ID (17 bytes)/ Animal ID + Sex Code (18 bytes) Found 1/1 result sets

HO840003287672539

ID/Pedigree Evaluation Genotype Progeny Errors Lactations

Animal

Requested Information: HO840003287672539
Preferred ID: HO840003287672539
Name:
DOB: 2022-12-14
Sex: F
[Multi-Birth Code:](#) 3
[Registry Status:](#)
[ID Source Code:](#) N
[Pedigree Source Code:](#) N
Mod Date: 2024-06-02

Sire

ID:
Name:
DOB:
[Source Code:](#)
Genotyped:

Dam

ID:
Name:
DOB:
[Source Code:](#)
Genotyped:

Maternal Grandam

ID:
Name:
DOB:
[Source Code:](#)
Genotyped:

Cross References

Animal ID	Name	Sex	Mod Date	SRC	Reg
No records available.					

ANIMAL: HO840003287672539

1 Update Information

Animal

Requested Information: HO840003287672539 Preferred ID: HO840003287672539

Name: Sex: Male Female

DOB: 2022-12-14 Registry Status:

Sire: Dam:

Multi-Birth Code: 3 - Birth from embryo transfer Requester: AY (B)

Source Code: N - NAAB, studs, and other non-breed requestors

2 Review Changes and Submit

Cross References

Animal ID	Name	Sex	Mod Date	SRC	Reg
No records available.					

1. Edit/add information in the box
2. Click "Next" to proceed with submission

Queries Tab – Evaluation Query

SEARCH FOR Cattle Goat Found 1/1 result sets

HOBRA0C3342A43238

Requested ID Searches: HOBRA0C3342A43238

Run: April 2024
Evaluation Breed: HO - Holstein

Evaluation | ID/Pedigree | Genotype | Progeny | Errors | Lactations

Animal

Preferred ID: HOBRA0C3342A43238
Long Name: 411 ELISA
Short Name:
DOB: 2022-05-01
Sex: F
Multi-Birth Code: 3
Recessive Codes:
Cross References: No
Pedigree Comp %: 77
Genomic Indicator: 1
Herd: 0

Sire

ID: [HOUSA000074345956](#)
Name: HURTGLENLEA RICHARD CHARL-ET
DOB: 2016-12-28
Source Code: B
Genotyped: Yes

Dam

ID: [HOBRA0C3342A22748](#)
Name: Tambo Cestonaro 250 Marie
DOB: 2020-09-16
Source Code: N
Genotyped: Yes

1 result(s) found!

Merit Table and Inbreeding

Merit Table					
NMS Percentile: 96					
Name	Unit	PTA	REL	PA	RELPA
NMS	USS	852	74%	773	42%
FMS	USS	899	74%		
CMS	USS	849	74%		
GMS	USS	777	74%		

Sire Conception Rate		
PTA	REL	Breedings
No records available.		

Inbreeding			
Type	(%)	Expected Future Inbreeding	Daughters Inbreeding
Pedigree	12.0	10.6	
Genomic	6.4	12.3	

Evaluation Table

Available information
-Latest triannual evaluation result if available

Queries Tab – Genotype Query

BS840003272897071

Genotype

Evaluation Breed: BS - Brown Swiss

Animal

Preferred ID: BS840003272897071
Name:
DOB: 2024-05-14
Sex: F
Multi-Birth Code: 1
ID Source Code: N
Pedigree Source Code: N
Blend Code: S

Sire

ID:
Name:
DOB:
Source Code:
Genotyped:

Dam

ID: [HO840003219051524](#)
Name:
DOB: 2021-06-29
Source Code: D
Genotyped: No

Maternal Grand sire

ID: [BS840003137438947](#)
Name: MEADO-BROOK SAGES SHINE ET
DOB: 2017-07-26
Source Code: B
Genotyped: Yes

Does the animal qualify for a genomic evaluation?

Nomination Status

Nomination			
Nom. Date	Requester	Group/Herd	Herd Code Differ
2024-07-12	Zoetis	35631032	

Billing		
Bill. Date	Requester	Fee
	Zoetis	1

Sample Status

Sample ID	Barcode & Position	Chip Name	Fee	Usability Ind.	Pending	Sire Status	Dam Status	Progeny Count	Tissue Source	Lab	Requester	SNP Read	Geno Arrival Date	Conflicts
Z004648446	208160920079 R23C04	ZOC	1	N		5	4	0	T	Zoetis	Zoetis	69799	2024-07-25	YES

Genotype Confirmations, Conflicts, and Other Close Relatives

MGS Info PGS Info Show All

Sample ID: Z004648446 - Barcode & Position: 208160920079 R23C04 - Usability Indicator: N

Genotype Confirmations Genotype Conflicts

Available information:

- General profile of the animal
- Nomination status
- Billing status
- Sample status
- Genotype confirmations
- Genotype conflicts
- Other close relatives

Queries Tab – Genotype Query (Nomination)

Genotype

Evaluation Breed: JE - Jersey

Animal

Preferred ID: JEUSA000118662185
Name: STEINHAUERS SAMSON LEMONHEAD E
DOB: 2013-09-09
Sex: M
Multi-Birth Code: 1
ID Source Code: B
Pedigree Source Code: B
Blend Code: S

Sire

ID: [JEUSA000067106977](#)
Name: DP VALENTINO SAMSON ET
DOB: 2010-11-10
Source Code: B
Genotyped: Yes

Dam

ID: [JEUSA000117255575](#)
Name: STEINHAUERS RENEG. LEMONPIE ET
DOB: 2010-08-20
Source Code: B
Genotyped: Yes

Maternal Grandsire

ID: [JEUSA000115883929](#)
Name: BW RENEGADE-ET
DOB: 2008-01-31
Source Code: B
Genotyped: Yes

Does the animal qualify for a genomic evaluation?

Nomination Status

Nomination						
Nom. Date	Requester	Group/Herd	Herd Code Difference Reason Code	Fee	Fee Assigned Date	Mod. Date
2013-10-11	JE	35591096		1	2013-10-11	2013-12-17 12:00
2018-09-04	Select	35591096		1		

Billing

Bill. Date	Requester	Fee	Amount (\$)	Use Weekly	Mod. Date
2014-01-06	JE	1	20	2015-06-22	2020-09-15 07:51

Click on Edit button in Nomination table

Queries Tab– Genotype (Nomination)

ANIMAL: BS840003272897071

1 Update Information

2 Review Changes and Submit

Nom. Date	Requester	Group/Herd	Herd Code Difference Reason Code	Fee	Fee Assigned Date	Mod Date	
2024-07-12	Zoetis	35631032		1	2024-07-12	2024-07-12 16:44	

1. Click on the edit button (right) if you want to edit existing nomination
2. Click on + if you are entering new nomination
3. Click on "Next" (middle) to proceed

Queries Tab– Genotype (Entering Nomination)

ANIMAL: BS840003272897071

1 Update Information

2 Review Changes and Submit

Nomination Status

Nom. Date	Requester	Group/Herd	Herd Code Difference Reason Code	Fee	Fee Assigned Date	Mod Date	
2024-07-12	Zoetis	35631032		1	2024-07-12	2024-07-12 16:44	
2024-07-26	<input type="text" value="AIPL"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="1"/>			

1. Enter nomination information in boxes
2. Click on ✓ to save

ANIMAL: BS840003272897071

1 Update Information

2 Review Changes and Submit

Nomination Status

Nom. Date	Requester	Group/Herd	Herd Code Difference Reason Code	Fee	Fee Assigned Date	Mod Date	
2024-07-12	Zoetis	35631032		1	2024-07-12	2024-07-12 16:44	
2024-07-26	AIPL	35631032		1			

3. Click on "Next" to proceed

Queries Tab– Genotype (submitting Nomination)

Sample Status

ANIMAL: BS840003272897071

1 Update Information

2 Review Changes and Submit

Nomination Status

Nom. Date	Requester	Group/Herd	Herd Code Difference Reason Code	Fee	Fee Assigned Date	Mod Date	Note
2024-07-12	Zoetis	35631032		1	2024-07-12	2024-07-12 16:44	
2024-07-26	AIPL	35631032		1			New

Back Submit

1. Review and confirm entered information
2. Click on "Submit"

Queries Tab– Errors

HORUS003213001120

Navigation tabs: ID/Pedigree, Evaluation, Genotype, Progeny, **Errors**, Lactations

Animal

Preferred ID:	HORUS003213001120
Name:	
DOB:	2020-03-16
Sex:	M
Multi-Birth Code:	1
ID Source Code:	N
Pedigree Source Code:	N

Sire

ID:	HO840003149798696
Name:	MAPLEHURST DELROY TORRO-ET
DOB:	2018-08-11
Source Code:	B
Genotyped:	Yes

Dam

ID:	
Name:	
DOB:	
Source Code:	
Genotyped:	

Error Information

Select All Pedigree (fmt-1) Lactation (fmt-4) Reproduction (fmt-5) Health (fmt-6)

Available information:

- General profile of the animal
- Available error format

1

2

1. Select error format(s) you would like to receive
2. Click Apply

Queries Tab– Errors

HORUS003213001120

[ID/Pedigree](#)
[Evaluation](#)
[Genotype](#)
[Progeny](#)
[Errors](#)
[Lactations](#)

Animal

Preferred ID: HORUS003213001120

Name:

DOB: 2020-03-16

Sex: M

[Multi-Birth Code:](#) 1

[ID Source Code:](#) N

[Pedigree Source Code:](#) N

Sire

ID: [HO840003149798696](#)

Name: MAPLEHURST DELROY TORRO-ET

DOB: 2018-08-11

[Source Code:](#) B

Genotyped: Yes

Dam

ID:

Name:

DOB:

[Source Code:](#)

Genotyped:

Available information:
-Error from the latest submission

Error Information

Select All
 Pedigree (fmt-1)
 Lactation (fmt-4)
 Reproduction (fmt-5)
 Health (fmt-6)
 [Apply](#)
[Clear](#)

▼ Pedigree (fmt-1) | 1 Source File

▼ Errors in File 20240325.1G2

Error Code	Disposition Code	Description	ID	Herd	Source Code	Date
5Eb	Rejected	Input is verified, but birth date is not at least 457 days after birth of dam.	HORUS003205436312		N	2019-03-12

Sire	Dam	Cross Reference	DOB	Source Code	Processing Date	Record Type	Verification Code	Multi-Birth Code	Registry Status	File Name
HO840003149798696	HORUS003205436312		2020-03-16	N	2024-03-25	P	2	1		20240325.1G2

Data Exchange Tab – Create Format

Both input and output are files in Data Exchange!!

The screenshot shows the 'DATA EXCHANGE - CREATE FORMAT' web interface. At the top right, a navigation menu is open, with 'Data Exchange' highlighted. Below the header, there is a search bar with 'Animal ID (17 bytes)' selected. The 'SEX' section has 'Male' selected. An 'API REQUEST' dropdown is partially visible. The main area features a file upload section with the text 'No File Chosen' and instructions to 'Drag and Drop to Upload or Browse for a File'. Below this, it specifies 'INPUT: An ASCII Text File(.txt) including Animal ID with one entry per line (E.g. HOUSA000069998491)'. At the bottom, there are 'Create Format' and 'Clear' buttons. A red box highlights the 'Data Exchange' menu item and the 'Create Format' button within the dropdown menu.

Data Exchange Tab – Create Format1

The screenshot shows the 'DATA EXCHANGE - CREATE FORMAT' web interface. The interface includes a search box labeled 'SEARCH FOR' with 'Animal ID (17 bytes)' selected, a 'SEX' section with 'Female' selected, an 'API REQUEST' section with 'Make Animal format-1 records' selected, a file upload area with 'BulkNomination.txt' and a 'Create Format' button. Red circles and numbers 1-5 highlight these key elements.

1. Select format of IDs you are entering to query the information at **SEARCH FOR** box
2. Choose the **SEX** of the animals you are querying for by clicking Male or Female
3. Choose what kind of record you want to generate by clicking on a format(s) in the **API REQUEST** box
4. Drop the file in the drop box
5. Click on “Create Format”

Data Exchange Tab – Create Format1

DATA EXCHANGE – CREATE FORMAT

SEARCH FOR: SEX: Male Female API REQUEST:

Data Exchange Request

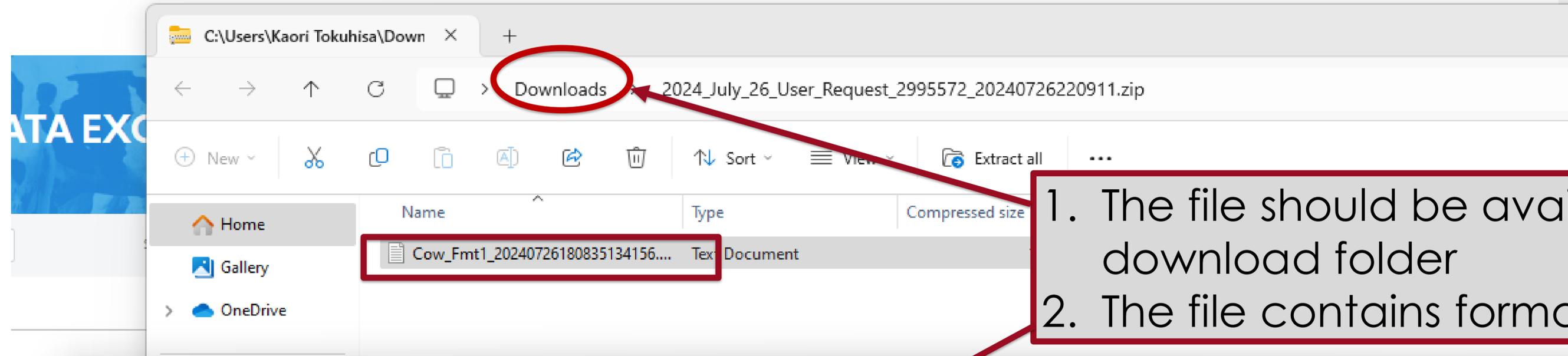
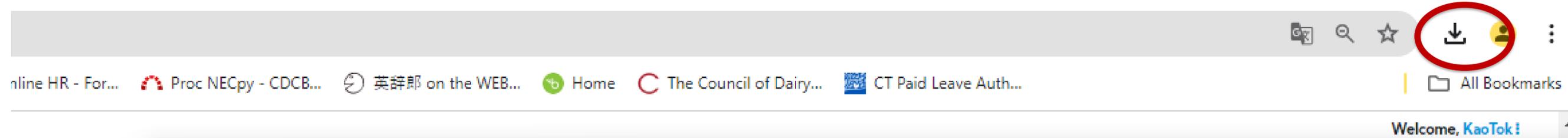
2024_July_26_User_Request_2995572 | Total: 1

Start: 26-Jul-2024 18:08:19 End: 26-Jul-2024 18:08:35 Completed 1/1

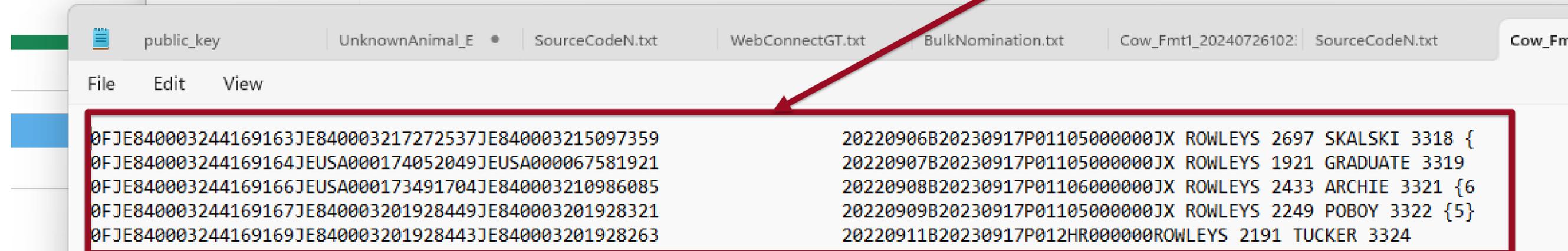
Name	Start	End	Status	
Make Animal format-1 records	26-Jul-2024 18:08:30	26-Jul-2024 18:08:35	COMPLETED	

1. Just be patient while file is being generated...
2. You will see complete when the file is ready
3. Click on  to download the output file

Data Exchange Tab – Create Format1



1. The file should be available in your download folder
2. The file contains format1 records



Special Section - Reports

The screenshot displays the CDCB Reports interface. At the top, there are navigation links: "Queries", "Data Exchange", "Special Section", "Top Animal Listing", and "Summary". The "Special Section" link is highlighted with a red box. Below this, a dropdown menu is open, listing various report options: "Suggested Dam", "Find Grandsire", "History of Genotypes", "Sample ID Look Up", "ID Range", "Reports", "Performance Metrics", "Mod SexSemen", and "Mod TestDay". The "Reports" option is highlighted with a red box. To the right of the dropdown menu, a red-bordered text box contains the text: "Affiliate specific reports (conflicts, fee, PVR etc) can be queried", with a red arrow pointing to the "Reports" option in the dropdown. Below the dropdown, there is a "REPORT" dropdown menu with the text "Lists Genotypes with Fee Code=N Loaded in the past 6 Months". To the right of this is an "AFFILIA" dropdown menu. At the bottom, there are two buttons: "Run Query" and "Clear".

Special Section – Reports

[Queries](#) [Data Exchange](#) [Special Section](#) [Top Animal Listing](#) [Summary St:](#)

REPORTS

REPORT AFFILIATE

- Lists Genotypes with Fee Code=N Loaded in the past 6 Months
- Fee Codes for Genotypes Loaded Since the Last Invoice
- Lists Parentage only Genotypes Since the Previous Genomic Run
- Reports Missing Animal ID for a Requester
- Conflicts for Genotypes Loaded in the Past 45 Days

1. Find and choose a report that you would like to retrieve

[Queries](#) [Data Exchange](#) [Special Section](#) [Top Animal Listing](#) [Summary Stats](#) [National I](#)

REPORTS

REPORT AFFILIATE

2. Click on "Run Query" after choosing a report

Special Section – Reports (Results)

The screenshot displays the CDCB Reports interface. At the top, the word "REPORTS" is centered in a blue banner. Below this, there are two dropdown menus: "REPORT" set to "Lists Genotypes with Fee Code=N Loaded in the past 6 Months" and "AFFILIATE" set to "AIPL". To the right of these menus is a small box containing the number "2" and a dropdown arrow. Below the filters is a table with the following data:

Animal	Sex	Sample ID	Geno Arrival Date	Usability Ind.	Group/Herd	Bill Fee Code	Nom Fee Code
HOESP000804812757	F	FNP1900346	2024-05-22	Y		N	

At the bottom left of the table, there is a navigation bar with the number "1" highlighted. At the bottom right, it says "1 - 1 of 1 items". An "Export CSV" button is circled in red in the top right corner of the table area.

1. Result(s) will be displayed in the table
2. CSV file is also available

Special Section – Bulk Nomination



Welcome, KaoTok !

Queries Data Exchange ▾ Special Section ▾ Top Animal Listing Summary Stats ▾ National Performance Metrics

BULK NOMINATION

Animal ID (17 bytes)/ Animal ID + Sex Code (18 bytes)

Each value must be on a separate line.

INPUT:

- Animal ID (17 bytes): **Breed, Country Code, and ID Number.**
- Animal ID + Sex Code (18 bytes): **Breed, Country Code, Sex Code, and ID Number.**

E.g.

- Animal ID (17 bytes): JEUSA000118662185
- Animal ID + Sex Code (18 bytes): HO124F000007890183

Maximum 50 items/once

REQUESTER* AIPL

GROUP/HERD*

FEE* CDCB Determined

HRC

Run Query Clear

Useful when you nominate many animals with similar nomination information (same non-US country, herd ID, etc)



Special Section – Bulk Nomination

BULK NOMINATION

INPUT:

- Animal ID (17 bytes): **Breed, Country Code, and ID Number.**
- Animal ID + Sex Code (18 bytes): **Breed, Country Code, Sex Code, and ID Number.**

E.g.

- Animal ID (17 bytes): JEUSA000118662185
- Animal ID + Sex Code (18 bytes): HO124F000007890183

Maximum 50 items/once

Animal ID (17 bytes)/ Animal ID + Sex Code (18 bytes)

1

JE840003244169163
JE840003244169164
JE840003244169166
JE840003244169167
JE840003244169169

2

REQUESTER* AIPL

GROUP/HERD* USA00000

FEE* CDCB Determined

HRC

3

Run Query Clear

1. Enter a list of animal IDs in the input box (17 or 18-bytes animal ID only)
2. Select nomination information (requesterID, Group/herd ID, and fee code are required)
3. Click on “Run Query”

Special Section – Bulk Nomination

1 Input Information 2 Review Changes and Submit

Animal	Sex	Sire	Dam	DOB	MBC	SRC	
JE840003244169163	F	JE840003217272537	JE840003215097359	2022-09-06	1	B	✖
		Requester	Fee	Group/Herd	HRC		
		AIPL	CDCB Determined	USA00000			
JE840003244169164	F	JEUSA000174052049	JEUSA000067581921	2022-09-07	1	B	✖
		Requester	Fee	Group/Herd	HRC		
		AIPL	CDCB Determined	USA00000			
JE840003244169166	F	JEUSA000173491704	JE840003210986085	2022-09-08			
		Requester	Fee	Group/Herd	HRC		
		AIPL	CDCB Determined	USA00000			
JE840003244169167	F	JE840003201928449	JE840003201928321	2022-09-09			
		Requester	Fee	Group/Herd	HRC		
		AIPL	CDCB Determined	USA00000			
JE840003244169169	F	JE840003201928443	JE840003201928263	2022-09-11	2	B	✖
		Requester	Fee	Group/Herd	HRC		
		AIPL	CDCB Determined	USA00000			

1. Update information (Requester ID, fee code, group ID/herd ID or HRC) if necessary

2. Click "Next" to proceed



Special Section – Bulk Nomination

Animal ID (17 bytes)/ Animal ID + Sex Code (18 bytes) Found 5/5 result sets REQUESTER* AIPL

1
Input Information

2
Review Changes and Submit

Animal	Nom. Date	Requester	Group/Herd	HRC	Fee	Fee Assigned Date	Mod. Date	Note
JE840003244169163	2024-07-26	AIPL	USA00000		2	2022-10-08	2022-10-08 03:50	Update Requester, Group/Herd
JE840003244169164	2024-07-26	AIPL	USA00000		2	2022-10-08	2022-10-08 03:50	Update Requester, Group/Herd
JE840003244169166	2024-07-26	AIPL	USA00000		2	2022-10-08	2022-10-08 03:50	Update Requester, Group/Herd
JE840003244169167	2024-07-26	AIPL	USA00000		2	2022-10-08	2022-10-08 03:50	Update Requester, Group/Herd
JE840003244169169	2024-07-26	AIPL	USA00000		2	2022-10-08	2022-10-08 03:50	Update Requester, Group/Herd

Back

Submit

1. Confirm entered information
2. Click submit

Special Section – Nominate Animal

Only query in WebConnect that allows you to nominate animals unknown to CDCB!

CDCB
COUNCIL ON DAIRY CATTLE BREEDING

Welcome, KaoTok!

Queries Data Exchange Special Section Top Animal Listing Summary Stats National Performance Metrics

NOMINATE ANIMAL

Animal ID (17 bytes)

HOBEL000566137100

INPUT: Breed, Country Code, and ID Number.
E.g. JEUSA000118662185
Maximum 50 items/once

Get Fee
Nominate Animal
Bulk Nomination
Bulk Transfer
Move Genotype
Check Fmt1 Record
Suggested Dam
Find Grandsire
History of Genotypes

Run Query Clear

1. Select “Nominate” Animal
2. Enter a (list of) animal ID(s) in the input box (17 or 18-bytes animal ID only)
3. Click on “Run Query”

Special Section – Nominate Animal



Animal ID (17 bytes)

Found 0/1 result sets

Unknown animal ID appears in "Not found" box

FOUND

Select All - 0/0 selected

--

Click on the button to add new nominations for selected animals

New/Change Nominate

NOT FOUND

Select All - 1/1 selected

HOBEL000566137100

--

Click on the button to create animals and add new nominations for selected animals

Create Animal & Nominate

Click on "Create Animal & Nominate" to proceed

Special Section – Nominate Animal

CREATE ANIMAL AND NOMINATE

1. Navigated to input information page

1 Input Information 2 Review Changes and Submit

Sex	Animal	Sire	Dam	DOB	MBC	Name	Group/Herd	Fee	HRC	Requester
<input type="text"/>	HOBEL000566137100	<input type="text"/>	AIPL <input type="text"/>							

Cancel Next

1 Input Information 2 Review Changes and Submit

Sex	Animal	Sire	Dam	DOB	MBC	Name	Group/Herd	Fee	HRC	Requester
F <input type="text"/>	HOBEL000566137100	HODNK000000257840	HOBEL000163563018	2024-07-26 <input type="text"/>	3 <input type="text"/>	EXAMPLE	BEL00000	7 <input type="text"/>	<input type="text"/>	AIPL <input type="text"/>

Cancel Next

2. Enter nomination information
3. Click "Next" button

4. Review entered information and click on "Submit" button

1 Input Information 2 Review Changes and Submit

Sex	Animal	Sire	Dam	DOB	MBC	Name	Group/Herd	Fee	HRC	Requester
F	HOBEL000566137100	HODNK000000257840	HOBEL000163563018	2024-07-26	3	EXAMPLE	BEL00000	7		AIPL

Back Submit

Documentation

- <https://redmine.uscdcb.com/projects/webconnect-production/wiki>

Thank you for your attention!



Description of Each Query (supplemental info)



Queries Tab

Types of information

Contents

ID/pedigree

- Basic animal's pedigree information
- Mostly for viewing info, but **edit function is available**

Evaluation

- Displays the **latest tri-annual evaluation** if available

Genotype

- Nomination status, Sample status, Genotype Confirmations, Conflicts, and Other Close Relatives are included
- Adding and updating nomination, and fixing genomic conflicts can be done

Error

- Error information can be queried

Data Exchange Tab

Types of information

Contents

ID/Pedigree

- Variety of pedigree info can be queried (ex. 5gen ped, Aliases, Clonal members, PVR etc)

Genotype

- Nomination Status
- Genotype info

Special Section

- Herd code+ fee for specific ID, GT history, SampleID lookup, suggested Dam
- GT history is useful to see if the GT was ever moved from one ID to another

Reports

- **Affiliate specific** reports (conflicts,fee, etc) can be queried

Create Format

- **Format1** (M/F per query) can be generated

Special Section(1)

Types of information

Contents

Get Fee

- Query for **fee code and amount** based on animal ID or Herd ID
- Useful to find out the fee code **before making nomination**

Nominate Animal

- **This is the only place in WebConnect where unknown ID to CDCB can be nominated**

Bulk Nomination

- Useful when animals are from same herd or from same non-US country

Bulk Transfer

- **Up to 50** animal's requester ID can be transferred to another requester ID

Special Section(2)

Types of information

Contents

Move Genotype

- Genotypes should be reassigned to another animal by using this app
- **Sample ID** should be used for Negative/zero key Genotypes

Check Fmt1 Record

- Checks format1 to see input is consistent with existing pedigree. Validity of the contents is not checked

Suggested Dam

- Suggests dam based on group name, birth date and discovered MGS

Find Grandsire

- Finds possible grandsires based on SNP % conflict

Special Section(3)

Types of information

Contents

History of Genotypes

- useful to see if the Genotype was ever moved from one ID to another

Sample ID Look Up

- Finds sample information based on animal ID/sample ID
- ID, sex, NAAB code, Name, DOB, Sample ID, status, Usability, and requester ID

ID Range

- lists all the IDs that are in the CDCB database for a specified range of IDs
- Useful to see if a range of IDs has already been used.

Reports

- **Affiliate specific** reports (conflicts, fee, etc) can be queried

Performance Metrics

- Reports monthly performance on each metric for past 13 months
- This report is reviewed during annual review