

CDCB Resources: Redmine and WebConnect

Courtney Hoff | Data Support Specialist

CDCB Genomic Nominator and Laboratory Workshop

May 20th, 2026

“Just go to the CDCB website!”

Which one?

- The actual CDCB website: <https://www.uscdcb.com>
- Redmine/Collaborator portal: <https://redmine.uscdcb.com/>
- WebConnect: <https://webconnect.uscdcb.com/>

CDCB Websites

- The actual CDCB website: overview of CDCB activity, articles, news and events, and links
- Redmine/Collaborator Portal: documentation, policies, support ticket creation
- WebConnect: visualization of animal data, API data queries, special reports, statistics generated in live tables

Premier Dairy Genetic Information Services and Industry Collaboration

The Council on Dairy Cattle Breeding (CDCB) manages the National Cooperator Database, calculates and distributes the U.S. genetic evaluations and genomic predictions, and aggregates dairy cattle data.

Welcome to CDCB

CDCB integrated documentat x +


← → ↻ redmine.uscdcb.com ☆ ⬇️ 👤 ⋮

Home Projects Help

Search: Jump to a project... ⌵ Sign in

CDCB integrated documentation system

Home



CDCB

COUNCIL ON DAIRY CATTLE BREEDING

This is the CDCB integrated documentation system, that interacts with [CDCB website](#)

Registered users should sign in ("Sign in" button on the upper right corner of the screen). If you are a nominator and do not have a username and password, please contact CDCB staff.

For unregistered users (no password required): <https://redmine.uscdcb.com/projects/cdcb-customer-service/wiki> [access to "CDCB Nominator project" documentation]

Sign in for registered users in the top right corner

Public access to the wiki and documentation here

Projects - CDCB integrated d

redmine.uscdcb.com/projects

☆

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is

active

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Options

Add filter

Apply

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CDCB collaborator portal

CDCB Committees

Membership and terms of reference.

CDCB Policies and Regulations

Information on regulations and policies which govern the way CDCB services works.

WebConnect (Production)

Documentation space for the production WebConnect system

Also available in: Atom

Redmine: Collaborator Portal

- An integrated documentation portal for creating support tickets and viewing CDCB documentation – CDCB's customer service hub
- The wiki and documentation tabs are accessible to unregistered users
- Must be logged in to create support tickets from the portal

Wiki - CDCB collaborator port x

redmine.uscdcb.com/projects/cdcb-customer-service/wiki

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redmine.uscdcb.com/projects/cdcb-customer-service/documents

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CDCB Genomic Nominators - Application Form

06/27/2019 04:52 PM

CDCB Genomic Nominators - Quality Certification Guidelines

03/08/2021 06:28 PM

Using Redmine's CDCB nominator portal guidelines

05/12/2017 04:34 PM

CDCB Genomic Nominators - SOP template

10/26/2017 11:49 AM

2017 CDCB Genomic Nominators Workshop

05/25/2017 04:07 PM

Please click on the name to view the presentation.

American ID registration

06/20/2017 08:54 AM

Document released by NAAB

CDCB-CDDR memo exchange of genotypes

06/22/2017 09:58 AM

CDCB policy regarding exchange of genotypes with CDDR partners - effective March 21st, 2016

Sort by

Category

Date

Title

Author

Links to downloadable versions of presentations, forms, templates, and other documentation related to CDCB

Requesting a Redmine Account

- If you are a new collaborator, Redmine accounts will be created as you go through the certification process
- To request new accounts if your organization is already a collaborator, a current account holder must submit a request via Redmine
- Be specific when requesting accounts: WebConnect and Redmine accounts are separate

Requesting a Redmine Account

- Information needed to create an account:
 - Account holder name
 - Organization
 - Valid email address:
 1. Not previously used for a different Redmine account
 2. Up to date — if your company email address changes, please let us know!

Accessing the Collaborator Portal

- With an account, you can access the Issues tab of the collaborator portal to create support tickets
- You will also be able to access an additional sub-project where monthly report cards can be accessed:

CDCB collaborator portal 

| [Nominators_and_labs_comms](#) 

CDCB integrated documentat

+

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redmine.uscdcb.com


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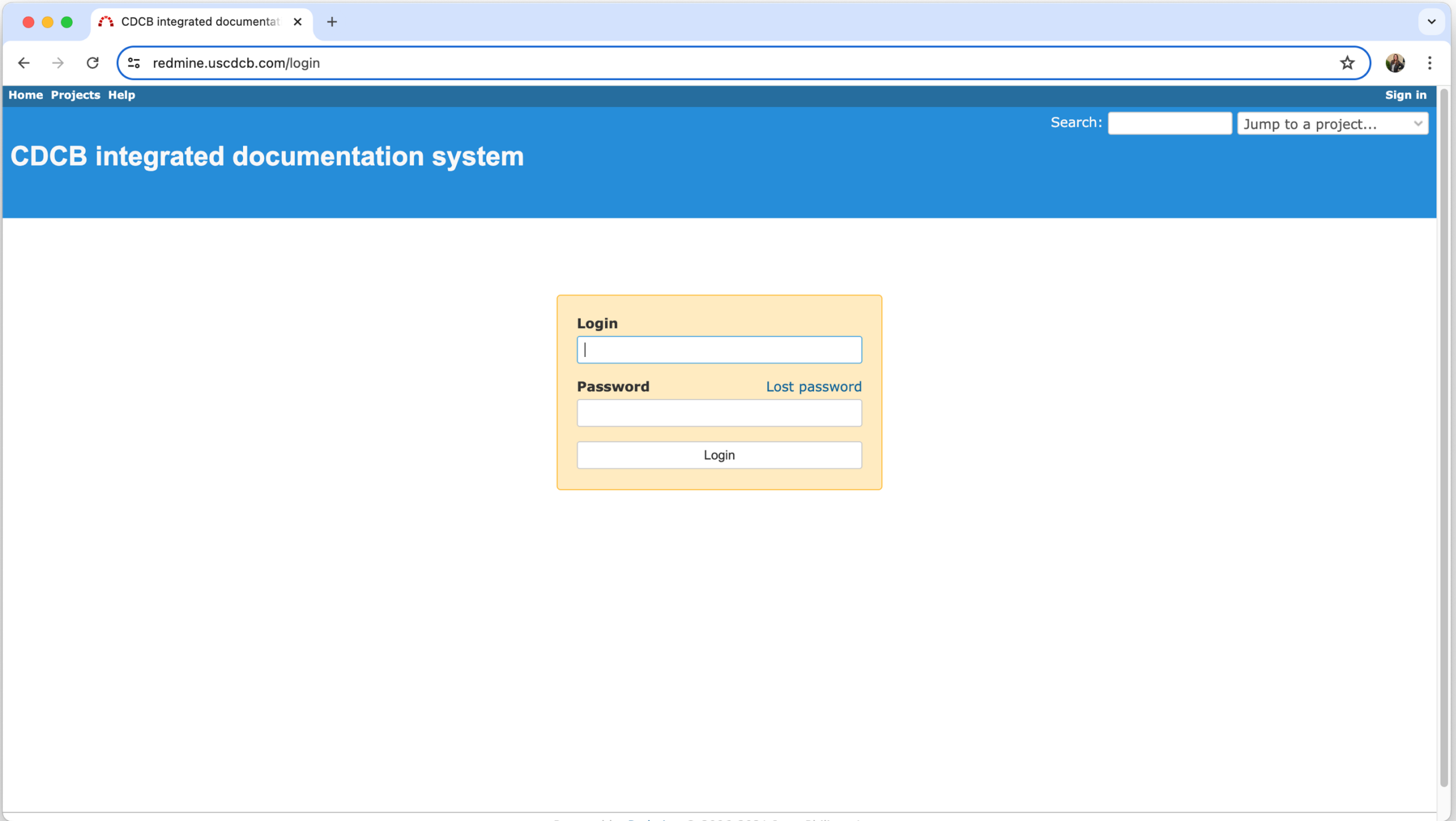
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CDCB collaborator portal

+ Overview **Activity** **Issues** Documents Wiki

Issues

New issue ...

▾ Filters

☒ Status

open ▾

Add filter ▾

▸ Options

Apply Clear Save

| <input type="checkbox"/> | # ▾ | Status | Priority | Subject | Assignee | Updated | Project | |
|--------------------------|-------|-------------|----------|---------|----------------|---------------------|---------------------------|-----|
| <input type="checkbox"/> | 18763 | New | Normal | | jcarrillo | 04/21/2026 01:23 PM | CDCB collaborator portal | ... |
| <input type="checkbox"/> | 18762 | New | Normal | | fguinan | 04/21/2026 10:26 AM | CDCB collaborator portal | ... |
| <input type="checkbox"/> | 18761 | In Progress | Normal | | htemplateon | 04/21/2026 11:51 AM | CDCB collaborator portal | ... |
| <input type="checkbox"/> | 18758 | In Progress | Normal | | htemplateon | 04/21/2026 10:46 AM | CDCB collaborator portal | ... |
| <input type="checkbox"/> | 18756 | In Progress | Normal | | choff | 04/21/2026 10:26 AM | Nominators_and_labs_comms | ... |
| <input type="checkbox"/> | 18739 | In Progress | Normal | | choff | 04/21/2026 12:10 PM | CDCB collaborator portal | ... |
| <input type="checkbox"/> | 18717 | In Progress | Normal | | htemplateon | 04/16/2026 11:44 AM | CDCB collaborator portal | ... |
| <input type="checkbox"/> | 18714 | In Progress | Normal | | htemplateon | 04/16/2026 04:32 AM | Nominators_and_labs_comms | ... |
| <input type="checkbox"/> | 18707 | In Progress | Normal | | htemplateon | 04/13/2026 02:21 PM | CDCB collaborator portal | ... |
| <input type="checkbox"/> | 18703 | In Progress | Normal | | htemplateon | 04/13/2026 09:59 AM | CDCB collaborator portal | ... |
| <input type="checkbox"/> | 18701 | In Progress | Normal | | htemplateon | 04/15/2026 11:16 AM | CDCB collaborator portal | ... |
| <input type="checkbox"/> | 18700 | In Progress | Normal | | htemplateon | 04/16/2026 04:08 PM | CDCB collaborator portal | ... |
| <input type="checkbox"/> | 18692 | In Progress | Normal | | htemplateon | 04/21/2026 02:29 PM | CDCB collaborator portal | ... |
| <input type="checkbox"/> | 18691 | In Progress | Normal | | choff | 04/21/2026 10:28 AM | Nominators_and_labs_comms | ... |
| <input type="checkbox"/> | 18685 | In Progress | Normal | | htemplateon | 04/10/2026 03:19 PM | CDCB collaborator portal | ... |
| <input type="checkbox"/> | 18681 | In Progress | Normal | | htemplateon | 04/08/2026 04:06 PM | CDCB collaborator portal | ... |
| <input type="checkbox"/> | 18615 | New | Normal | | feanix_mangove | 04/08/2026 10:48 AM | Nominators_and_labs_comms | ... |
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| <input type="checkbox"/> | 18597 | In Progress | Normal | | htemplateon | 04/08/2026 03:14 AM | CDCB collaborator portal | ... |
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| <input type="checkbox"/> | 18574 | In Progress | Normal | | htemplateon | 04/06/2026 01:33 PM | CDCB collaborator portal | ... |
| <input type="checkbox"/> | 18572 | In Progress | Normal | | htemplateon | 04/20/2026 04:14 PM | CDCB collaborator portal | ... |

Creating Support Tickets

Support tickets can be created:

1. Directly through the portal “Issues” tab for logged-in users
2. Via email from a valid email account

CDCB collaborator portal

+ Overview Activity **Issues** Documents Wiki

 New issue ...

Issues

▾ Filters

☒ Status

open ▾

Add filter ▾

▸ Options

✓ Apply  Clear  Save

| <input type="checkbox"/> | # ▾ | Status | Priority | Subject | Assignee | Updated | Project | |
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New issue - CDCB collaborator portal

redmine.uscdcb.com/projects/cdcb-customer-service/issues/new

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New issue

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Tracker * Support

Subject *

Description

Edit Preview B I U S C H

Status * New

Priority * Normal

Assignee

Files Choose Files No file chosen (Maxi

Watchers Search for watchers to add

Start date 07/12/2024

Due date mm/dd/yyyy

CDCB

Subject: Unique, error names/codes, topic etc.

Description: Give as much detail as possible about the problem, provide examples, include animal IDs, sample names, etc.

Add files or screenshots to help!

Add other accounts to monitor progress of issue

Create Create and add another

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Creating Support Tickets

To create a ticket via valid email:

1. Set recipient to redmine@redmine.uscdcb.com
2. Add CC'd contacts with valid emails connected to a Redmine account to be "Watchers" of the ticket
3. Subject of the email will be the subject of the ticket
4. Body of the email will be the description of the ticket
5. Attachments can also be included

To CDCB Redmine from an email with a registered account

Cambria 16 B I U

To: redmine@redmine.uscdcb.com

Cc:

Bcc:

Subject: This is a test

From: Ezequiel Nicolazzi – ezequiel.nicolazzi@uscdcb.com Signature: Signature #1

Message Size: 28 KB

CDCB nominator portal

+ Overview Activity **Issues** Documents Wiki Files Settings

Support #160

Edit Watch Copy Delete

This is a test

« Previous | 1 of 4 | Next »

Added by Ezequiel Nicolazzi 27 minutes ago.

| | | | |
|-----------------------|------------------------|--------------------|------------|
| Status: | New | Start date: | 03/28/2017 |
| Priority name: | Normal (when possible) | Due date: | |
| Assignee: | - | % Done: | 0% |

Description

Quote

lorem ipsum

Subject = Subject

Body = Description



COUNCIL ON DAIRY CATTLE BREEDING

Ezequiel Luis Nicolazzi | Technical Director
ezequiel.nicolazzi@uscdcb.com / 240 334 4164 Ext. 321
Council on Dairy Cattle Breeding
4201 Northview Dr. One Town Centre, Suite 302
Bowie, MD 20716
www.uscdcb.com

Documentation on Redmine

- Searching for specific information on Redmine can be challenging
- There are two ways that information can be sifted through on the wiki:
 1. Jumping to Categories with Table of Contents
 2. Utilizing the search bar effectively

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Wiki - CDCB collaborator portal

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- CDCB Genomic Nominators - SOP template (docx)
- CDCB Genomic Nominators & Laboratories - MLA (docx)
- QC Metrics for Genomic Nominators
- Approved CDCB Genomic Nominators
- Genomic Nominator Certification Procedure
- Genomic Nominators Annual Review Schedule

Nominator certification
information

USEFUL DOCUMENTATION

- CDCB Genomic Nominator - Navigation guide (pdf)
- CDCB Fee Schedule for Genomic Evaluation Fees (pdf)
- 2017 CDCB Genomic Nominators Workshop
- 2018 CDCB Genomic Nominators and Laboratories Workshop
- 2019 CDCB Genomic Nominators and Laboratories Workshop
- 2021 CDCB Genomic Nominators and Laboratories Workshop
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- CDCB general files distributed to nominators
- CDCB email notifications sent to individuals included in the Nominator's contact list
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- CDCB Accepted Embryo IDs
- CDCB Accepted goat ID numbers
- American ID registration
- Birth Date Rules
- Exchange of genotypes with Lactanet
- Reasons that a genomic evaluation was not released
- Reasons that a Sire was not Discovered
- Reasons that the fee code would be reassigned to N by CDCB
- Reasons why a cross-reference was created
- DOB limitation for foreign bulls
- Genotype Withdrawal
- New Queries Introduction Session
- Request for CDCB accounts
- Error code documentation
- References

Past Workshop
presentations

Rules and some
documentation regarding
common questions

COMMONLY USED CODES

- Genomic error codes
- Genomic fee code
- Genomic usability code
- Genotype recipient code
- Herd code difference reason code (HRC)
- Multiple birth code
- Parentage indicator code
- Pedigree and phenotypic error codes
- Record type code
- Source code

Explanations of Codes in Format 1 and error codes

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- Adding MGS and MGGS
- Corrections to nominations
- Corrections to pedigree (Format 1 / Format 4)
- Corrections to pedigree to resolve genomic conflicts
- Corrections to production (Format 4 - **DRPC ONLY**)
- Create a format1G
- Dealing with clone records
- Embryo and live animal merging process
- Nominate as parentage verification only
- Request for Large Transfer of Genotypes (Selling Genotypes)
- Sex and Fee code conflict
- Sharing genomic results with other active nominators
- Updating the Recipient Code of Nominations

Explanations to pedigree/genomic error fixes and other complex procedures

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- **Pedigree, production, & reproduction data**
 - Format 1 (Pedigree data)
 - Format 1E (Pedigree data - Error records)
 - Format 4 (Lactation data)
 - Format 4E (Lactation data - Error records)
 - Format 5 (Reproductive data)
 - Format 5E (Reproductive data - Error records)
 - Format 6 (Health data)
 - Format 6E (Health data - Error records)
 - Format 8 (Milking Speed data)
 - Format 8E (Milking Speed data - Error records)
 - CES (Calving Ease Scores)
 - PVR (Parentage Verification Record)
- Genetic evaluations

FORMATS

- **Pedigree, production, & reproduction data**

- [Format 1](#) (Pedigree data)
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- **Genetic evaluations**

- [Format 38](#) (Bull/Buck genetic evaluation data - production)
- [Format 40](#) (Bull genetic evaluation data - type traits)
- [Format 41](#) (Cow genetic evaluation data - type traits)
- [Format 105](#) (Cow/Doe genetic evaluation data - production)
- [Format 940](#) (Buck genetic evaluation - type traits)
- [Format 941](#) (Doe genetic evaluation - type traits)
- [CT](#) (Bull genetic evaluation data - Calving ease)

- **Miscellaneous**

- [Format 2](#) (Ownership data)
- [Format 7](#) (Type traits appraisal data)
- [Format 14](#) (Herd test day and yearly average data)
- [Format 395](#) (NAAB AI codes - AI cross-reference)
- [REC](#) (Recessive Codes)

- **Genomic files**

- [Genomic evaluations format \(CSV\)](#)
- [Monthly and weekly genomic evaluations CSV](#) (**discontinued in September 2019**)
- [Monthly and weekly genomic evaluations XML](#) (**discontinued in September 2019**)

File formats for input
and output files of
interest to nominators

CDCB certified genotyping laboratories documentation

GENOTYPING LABS APPLICATION AND CERTIFICATION INFORMATION

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- Genomic evaluations format (CSV)
- Monthly and weekly genomic evaluations CSV **(discontinued in September 2019)**
- Monthly and weekly genomic evaluations XML **(discontinued in September 2019)**

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- Chips Used in CDCB Evaluation
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- Source codes
- Usability codes

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Scenario: You are interested in learning how to correct/change a pedigree birth date

Select “Procedures” under nominator documentation

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Corrections to pedigrees

Corrections to pedigree - CD

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Delete a cross-reference

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General information

What to do in case many fields in animal pedigree are incorrect

- **Example cause:** Pedigree information is wrong in more than 2 fields for one individual. The record may have the wrong animal ID.
- **Correction:** Too many changes in a single [Format 1](#) record will not be accepted to guard against the record having the wrong animal ID. If more than 2 changes in pedigree are required for a single individual, please submit multiple records for the same individual, each containing not more than two record changes. Although CDCB accepts more than two pedigree changes contemporarily, the algorithm that checks the integrity of the data may exclude the record if too many inconsistencies are reported. A correction code may be required for some change to be accepted.

How to create cross-references

Select "Correct the birth date" in the table of contents on the "Corrections to pedigree" page

Correct the birth date

- **Correction:** Create a [Format 1](#) record, following these instructions
 - set birth to correct birth
 - set pedigree verification code (@89) to 2
 - If the change is over 5 years multiple records will be needed so each record changes the birth date by less than 5 years. Only a breed source record can change a breed source pedigree. If the existing record is for an animal with lactations or progeny and the input record is not breed source, the birth date change can not be more than 90 days (400 days with verification). If the existing birth date is estimated and the input record is not breed source, the maximum change is 21 mo (638 days).

Switch parentage between two animals (sire and dam)

- **Correction:** Create and submit three (3) [Format 1](#) records, following these instructions in the exact order
 1. create a pedigree correction record for animal #1 with the correct Sire ID and the Dam ID set to blanks, set record type code (@88) to P and verification code (@89) to 1
 2. create a pedigree correction record for animal #2 with the correct Sire and Dam IDs, set record type code (@88) to P and verification code (@89) to 1
 3. create a pedigree correction record for animal #1 with the correct Dam ID, set record type code (@88) to P and verification code (@89) to 1

Change the preferred ID

- **Correction:** Create and submit [Format 1](#) records, following these instructions.
 - **Cows**
 - set animal ID (@3) to preferred ID
 - if the correct preferred ID is NOT in the database, set cross reference ID (@54) to previously preferred ID
 - **Bulls**
 1. remove previously preferred ID:
 - set animal ID (@3) to preferred ID
 - set cross reference ID (@54) to previously preferred ID
 - set record type code (@88) to Y
 2. re-add previously preferred ID, but not as the preferred ID:
 - set animal ID (@3) to new preferred ID from step 1 above
 - set cross reference ID (@54) to deleted ID from step 1 above
 - set record type code (@88) to P
 3. re-add bull name and/or registry status to non-preferred ID:
 - set animal ID (@3) to animal ID removed in step 1 above
 - set record type code (@88) to P

Correct a wrong parent when the correct parent is unknown

- **Correction:** Create and submit [Format 1](#) records, following these instructions.

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correct birth

CDCB collaborator portal and its subprojects

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Results (16)

Wiki: Birth Date Rules

h1. Birth Date Rules h2. Introduction Accurate birth dates are important for the correct alignment of family trees and establishing genomic parent-progeny relationships of animals. Birth date interacts with many other phenotypic data, including multi-birth codes, lactation data of the animal, progeny ... ich includes breeding date and AI sire), and birth dates of the animal's maternal siblings if available. Given all these factors, changing a birth date after initial acceptance can sometimes be complicated. h2. Estimated Birth Dates Estimated birth dates can be entered manually or set automat ... rce). An A-source pedigree with an estimated birth date can be generated if a dam is entered in ... unique ID of the dam will have an estimated birth date that is 3 years older than the progeny. Estimated ...

01/10/2024 10:54 AM

Wiki: CDCB Quick Discovery of close relatives service

h1. CDCB Quick Discovery of close relatives (... no parent information available, or dates of birth) the accuracy of this service is lower than ... ULL CDCB parentage service, no nomination or correct ID17 identification of the samples is needed ... D if within file), discovered animal date of birth (if discovered close relative in QDiscDB), d ... o samples sent to the QuickDiscovery service.

01/12/2023 03:20 AM

Wiki: Adding MGS and MGGS

h1. Adding MGS and MGGS h2. XXXX_Add_Sire_20 ... feedback if the fill-in is believed to be in correct. Fmt_1,requester_ID,gtypeID,sample_ID,ty ... ice sire to check (N) *SibMB* - 1/2/N Multi birth code of animal if 1 or 2, N otherwise *adde ... is unambiguous, so would qualify to be added

10/26/2021 12:38 PM

Wiki: Format 6E

h1. Format 6E - %PUBLIC% {to ... |8| XX..XX |CH| [[REFERENCES#Ref.88|88]] |Birth date of animal (YYYYMMDD)| |79 |1| A |C ... X |CH| [[REFERENCES#Ref.24|24]] |Multiple birth code| |92-93 |2| AA |CH| [[REFERENCES#Re ... 39-546| 8 |XX...XX | CH | | Calving date or birth date (YYYYMMDD)| | |||||*Herd Code Informati ... |Retained Placenta |=.RETP |=.Y| |Stillbirth/Perinatal Survival |=.STIL |=.Y| |Teat In ... confusion in the field. Dystocia and stillbirth data are currently received by CDCB in a sep ... rately model the impact of dystocia and stillbirth on production. These data will complement, r ... lving ease scores should be provided for all births, regardless of difficulty, rather than scores only for difficult births. Scores should be assigned using the five-p ... is include dystocia, retained placenta, stillbirth...

05/05/2020 01:16 PM

Wiki: Corrections to production

h1. Corrections to production (*DRPC ONLY*) - %Id not follow these instructions. Note that corrections and deletions to data related to pedigree in format 4's are available in [[Corrections to pedigree]] h1. Correction information Note that corrections to data related to pedigree in format 4's are available in [[Corrections to pedigree]] h2. Correct the calving date **Correction*: Create and submit [[Format 4]] record, ... new calving date must be within 60 days of incorrect calving date (existing record) ** existing ... an existing record's processing date, unless corrected or verified (@127 set to 1 or 2) ** test- ... transferred from the old calving date h2. Correct lactation DIM with matching calving and herd * ...

11/09/2017 08:40 AM

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Results (2)

-  [Wiki: Corrections_to_pedigree_to_resolve_genomic_conflicts](#)
h1. Corrections to pedigree to resolve genomic conflicts ... correct the birth date of the animal/dam if in **correct birth** date is stored CDCB database. ** If "3Gg ... OR correct the birth date of the animal if in **correct birth** date is stored CDCB database. ** If "3Gr ... win, TWIN to the name if appropriate) </pre>
04/03/2017 12:42 PM
-  [Wiki: Corrections_to_pedigree](#) ←
h1. Corrections to pedigree - **allowing these instructions *** set birth to correct birth *** set pedigree verification code (@89) to ... 89) to 3 (this will prevent to be re-created)**
02/14/2017 12:59 PM

(1-2/2)

redmine.uscdcb.com/projects/cdcb-customer-service/wiki/Corrections_to_pedigree

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redmine.uscdcb.com/projects/cdcb-customer-service/wiki/Corrections_to_pedigree

correct birth

1/1

^

v

x

Ctrl + F

Correct/add registered animal name

- **Correction:** Create a [Format 1](#) record, following these instructions:
 - The new_name must be inserted in the name of animal field (@100-129)
 - Set record type code (@88) to P
- **Removal:** Create a [Format 1](#) record, following these instructions:
 - Set record type code (@88) to P
 - Set pedigree verification code (@89) to 2
 - Blank the animal name field (@100-129)

Correct one parent (add, change or "blank")

- **Correction:** Create a [Format 1](#) record, following these instructions
 - set sire/dam ID to correct sire/dam ID
 - set pedigree verification code (@89) to 2 (For adding only; verification code is not required)/ set pedigree verification code (@89) to 3 for constructed dam ID
 - Confirmed parents (i.e. using genomic information) cannot be modified. Please submit a request explaining the situation to CDCB customer service.

Correct the birth date

- **Correction:** Create a [Format 1](#) record, following these instructions
 - set birth to **correct birth**
 - set pedigree verification code (@89) to 2
 - If the change is over 5 years multiple records will be needed so each record changes the birth date by less than 5 years. Only a breed source record can change a breed source pedigree. If the existing record is for an animal with lactations or progeny and the input record is not breed source, the birth date change can not be more than 90 days (400 days with verification). If the existing birth date is estimated and the input record is not breed source, the maximum change is 21 mo (638 days).

Switch parentage between two animals (sire and dam)

- **Correction:** Create and submit three (3) [Format 1](#) records, following these instructions in the exact order
 1. create a pedigree correction record for animal #1 with the correct Sire ID and the Dam ID set to blanks, set record type code (@88) to P and verification code (@89) to 1
 2. create a pedigree correction record for animal #2 with the correct Sire and Dam IDs, set record type code (@88) to P and verification code (@89) to 1
 3. create a pedigree correction record for animal #1 with the correct Dam ID, set record type code (@88) to P and verification code (@89) to 1

Change the preferred ID

- **Correction:** Create and submit [Format 1](#) records, following these instructions.
 - **Cows**
 - set animal ID (@3) to preferred ID
 - if the correct preferred ID is NOT in the database, set cross reference ID (@54) to previously preferred ID

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WebConnect (Production)

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WebConnect (Production) is also a public project with documentation regarding WebConnect

Improving Redmine Resources

- If you have any suggestions for documentation improvement or notice any outdated information, please let us know!

QUERIES

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.
- 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

Each value must be on a separate line.

Run Query

Clear

WebConnect

- WebConnect is a user interface that allows users to query and view data held within the National Cooperator Database
- User logins with specified access for CDCB Collaborators can additionally query, update, and edit data directly
- Submissions of nominator data no longer limited to FTP file drops – batch submissions are available to be submitted in a human-readable format
- API* interactions to query data from the system are possible

**API: Application Programming Interface*

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

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

Each value must be on a separate line.

Log in to access
more content!

Run Query

Clear

COLLABORATOR LOGIN

Credentials for
login or account
help

Username or Email

Password

[Forgot Password?](#)

[Register New Account?](#)

LOGIN

Registration for
new accounts

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.

Tabs on WebConnect

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

- Queries: Search for animals (50 max) to view their individual ID/Pedigree, Evaluation, Genotype, and Errors information
- Data Exchange: Drop a file based on specific search for criteria to return a specific API request (input files can contain large volume)
- Special Section: Includes tools for handling specific tasks or viewing information in a web-based format
- Top Animal Listing, Summary Stats, National Performance Metrics

Interacting with WebConnect

| Queries | Data Exchange | 3 rd Party Data Exchange |
|--|---|---|
| <ul style="list-style-type: none"> Graphical User Interface (GUI) Ability to examine and edit individual animal data Fix_FMT1 to correct genotype conflicts | <ul style="list-style-type: none"> GUI Intermediate between Queries and 3rd Party Data Exchange Input and output files, selecting options with interactive dropdown menus | <ul style="list-style-type: none"> Data exchange carried out through API Not a true API, can only be used to extract data from our system Advanced to set up Redmine Info |

Banner

Banner containing information about database locks

[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.
- Animal ID + Sex Code (18 bytes): Breed, Country Code, and ID Number. (may be omitted lead

E.g.

- Animal ID (17 bytes): JEUSA000118662185
- Animal ID + Sex Code (18 bytes): HO124F001
HO124F7890183

Maximum 50 items/once

Over 50 items: [Data Exchange](#)

Data can still be visualized and submitted, but submissions will not be processed until the database is unlocked

Run Query

Clear

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 (15 bytes)

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

Animal Interbull ID (19 bytes)

Sample ID (20 bytes max)

NAAB Code

Short Name

Partial Full Name

Herd + Cow Control Number

Herd ID

Run Query

Clear

Queries

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)

HOCAN000013067058

Found 1/1 result sets

Run Query

Clear

Queries Tab ID/Pedigree

Source Code level
determines if this tab
can be edited

Animal and
reporter
details

Visual 3-gen
pedigree

Cross-references

Clones

Requested ID Searches

HOCAN000013067058

HONLD000763178440

HOCAN000013067058

ID/Pedigree

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Animal

Requested Information:

HOCAN000013067058

Preferred ID:

HOCAN000013067058

Name:

OERTERPS CONVERSE 2438

DOB:

2019-03-04

Sex:

F

[Multi-Birth Code:](#)

1

[Registry Status:](#)

PB

[ID Source Code:](#)

B

[Pedigree Source Code:](#)

B

Animal Sire Reporter:

Generic Breed

Animal Dam Reporter:

Generic Breed

Mod Date:

2019-11-06

Cross References

Animal ID

Name

Sex

Mod Date

SRC

Reg

No records available.

Paternal Grand sire

ID:

[HOCAN000107281711](#)

Name:

VAL-BISSON DOORMAN

DOB:

2011-08-06

[Source Code:](#)

B

Genotyped:

Yes

Sire

ID:

[HOUSA000072436811](#)

Clonal Family Members

No Clones Known.

Visual 3-gen pedigree

| Sire | |
|------------------------------|-----------------------------------|
| ID: | HOUSA000072436811 |
| Name: | EDG CONVERSE-ET |
| DOB: | 2013-06-06 |
| Source Code: | B |
| Genotyped: | Yes |

| Paternal Grandsire | |
|------------------------------|-----------------------------------|
| ID: | HOCAN000107281711 |
| Name: | VAL-BISSON DOORMAN |
| DOB: | 2011-08-06 |
| Source Code: | B |
| Genotyped: | Yes |

| Paternal Grandam | |
|------------------------------|-----------------------------------|
| ID: | HOUSA000070639289 |
| Name: | FARNEAR-TBR-BH CASHBUST-ET |
| DOB: | 2011-08-18 |
| Source Code: | B |
| Genotyped: | Yes |

| Dam | |
|------------------------------|-----------------------------------|
| ID: | HOCAN000011448546 |
| Name: | OERTERPS LUCKY 1546 |
| DOB: | 2012-06-21 |
| Source Code: | B |
| Genotyped: | No |

| Maternal Grandsire | |
|------------------------------|-----------------------------------|
| ID: | HOCAN000007470679 |
| Name: | NORTH HAVEN LUCKY |
| DOB: | 2010-03-24 |
| Source Code: | B |
| Genotyped: | No |

| Maternal Grandam | |
|------------------------------|-----------------------------------|
| ID: | HOCAN000010818334 |
| Name: | |
| DOB: | 2010-06-07 |
| Source Code: | B |
| Genotyped: | No |

Evaluation Tab

SEARCH FOR

☒ Cattle ☐ Goat

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

Found 1/1 result sets

Q Search

Requested ID Searches

HO840003307821404

HO840003307821404

HO840003307821404

ID/Pedigree

Evaluation

Genotype

Progeny

Errors

Lactations

Run: April 2026

Evaluation Breed: HO - Holstein

Animal

Preferred ID: HO840003307821404

Long Name: COLDSPRINGS MOOMOO 15768-P

Short Name:

DOB: 2025-12-19

Sex: F

Multi-Birth Code: 1

Recessive Codes:

Cross References: No

Pedigree Comp %: 100

Genomic Indicator: 1

Herd: 0

Sire

ID: HO840003277629429

Name: HAVEITALL BLAKELY HINGE-ET

DOB: 2023-09-24

Source Code: B

Genotyped: Yes

Dam

ID: HO840003269046412

Name: COLDSPRINGS KOKO-PP14437-ET

DOB: 2023-11-12

Source Code: B

Genotyped: Yes

Triannual results
published if available

Note: Some foreign
bull evaluations
may not be
published

Genotype Tab

Q

Search

Requested ID Searches

HO840003307821404

1 result(s) found!

ID/Pedigree

Evaluation

Genotype

Errors

Evaluation Breed: HO - Holstein

Animal

Preferred ID:HO840003307821404

Name:COLDSPRINGS MOOMOO 15768-P

DOB:2025-12-19

Sex:F

Multi-Birth Code:1

ID Source Code:B

Pedigree Source Code:B

Animal Sire Reporter:Holstein

Animal Dam Reporter:Holstein

Blend Code:S

Sire

ID:HO840003277629429

Name:HAVEITALL BLAKELY HINGE-ET

DOB:2023-09-24

Source Code:B

Genotyped:Yes

Dam

ID:HO840003269046412

Name:COLDSPRINGS KOKO-PP14437-ET

DOB:2023-11-12

Source Code:B

Genotyped:Yes

Maternal Grandsire

ID:HO840003220398053

Name:HOUIN SSI PERFECT ISON-P-ET

DOB:2020-11-08

Source Code:B

Genotyped:Yes

Does the animal qualify for a genomic evaluation?

Nomination Status

Sample Status

Genotype Confirmations, Conflicts, and Other Close Relatives



Genotype Tab

Q

Search

Requested ID Searches

HO840003307821404

ID/Pedigree

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Errors

Evaluation Breed: HO – Holstein

Animal

Preferred ID:

HO840003307821404

Name:

COLDSPRINGS MOOMOO 15768-P

DOB:

2025-12-19

Sex:

F

Multi-Birth Code:

1

ID Source Code:

B

Pedigree Source Code:

B

Animal Sire Reporter:

Holstein

Animal Dam Reporter:

Holstein

Blend Code:

S

Sire

ID:

HO840003277629429

Name:

HAVEITALL BLAKELY HINGE-ET

DOB:

2023-09-24

Source Code:

B

Genotyped:

Yes

Maternal Grandsire

ID:

HO840003220398053

Name:

HOUIN SSI PERFECT ISON-P-ET

DOB:

2020-11-08

Source Code:

B

Genotyped:

Yes

Does the animal qualify for a genomic evaluation?

Yes

Does the animal qualify for a genomic evaluation?

Nomination Status

Sample Status

Genotype Confirmations, Conflicts, and Other Close Relatives

1 result(s) found!

53

Genotype Tab

Q Search

Requested ID Searches

HO840003249785217

ID/Pedigree

Evaluation

Genotype

Errors

Evaluation Breed: HO - Holstein

Animal

Preferred ID: HO840003249785217

Name:

DOB: 2020-11-09

Sex: F

Multi-Birth Code: 1

ID Source Code: N

Pedigree Source Code: N

Animal Sire Reporter: AgSource

Animal Dam Reporter: AgSource

Blend Code: S

Sire

ID: [HO840003150701313](#)

Name: PEAK ALTAOLAF-ET

DOB: 2018-06-28

Source Code: B

Genotyped: Yes

Maternal Grandsire

ID: [HOUSA000066636663](#)

Name: DE-SU 527 SPUR-ET

DOB: 2009-02-24

Source Code: B

Genotyped: Yes

Does the animal qualify for a genomic evaluation?

No

Below are the reasons:

+ No usable genotype

Does the animal qualify for a genomic evaluation?

Nomination Status

Sample Status

Genotype Confirmations, Conflicts, and Other Close Relatives

1 result(s) found!

Genotype Tab

Q

Search

Requested ID Searches

HO840003307821404

Evaluation Breed: HO - Holstein

Animal

Preferred ID:HO840003307821404

Name:COLDSPRINGS MOOMOO 15768-P

DOB:2025-12-19

Sex:F

Multi-Birth Code:1

ID Source Code:B

Pedigree Source Code:B

Animal Sire Reporter:Holstein

Animal Dam Reporter:Holstein

Blend Code:S

Sire

ID:HO840003277629429

Name:HAVEITALL BLAKELY HINGE-ET

DOB:2023-09-24

Source Code:B

Genotyped:Yes

Dam

ID:HO840003269046412

Name:COLDSPRINGS KOKO-PP14437-ET

DOB:2023-11-12

Source Code:B

Genotyped:Yes

Maternal Grandsire

ID:HO840003220398053

Name:HOUIN SSI PERFECT ISON-P-ET

DOB:2020-11-08

Source Code:B

Genotyped:Yes

Does the animal qualify for a genomic evaluation?

Nomination Status

Sample Status

Genotype Confirmations, Conflicts, and Other Close Relatives

1 result(s) found!

55

Genotype Tab

Check nomination pieces

Edit with permissions

Check if Requesters match

Check Use Weekly Timestamp

Check Usability Indicator of Genotype

[Does the animal qualify for a genomic evaluation?](#)

Search

Requested ID Searches

HO840003249785217

| Nomination | | | | | | | | Edit |
|------------|-----------|------------|-------------------------|----------------------------------|-----|-------------------|------------------|------|
| Nom. Date | Requester | Group/Herd | Genotype Recipient Code | Herd Code Difference Reason Code | Fee | Fee Assigned Date | Mod. Date | |
| 2026-03-31 | GenVis | 21390990 | L | | 2 | 2026-03-31 | 2026-03-31 15:11 | |

| Billing | | | | | | |
|------------|-----------|-----|-------------|------------|------------------|--|
| Bill. Date | Requester | Fee | Amount (\$) | Use Weekly | Mod. Date | |
| | GenVis | 2 | 1 | | 2026-04-09 16:54 | |

| Sample ID | Barcode & Position | Chip Name | Fee | Usability Ind. | Pending | Sire Status | Dam Status | Progeny Count | Tissue Source | Lab | Requester | SNP Read | Genotype |
|--------------------|---------------------|-----------|-----|----------------|---------|-------------|------------|---------------|---------------|--------------------|-----------|----------|----------|
| HO840F003249785217 | GV4538187161 R10C09 | VM2 | 2 | N | | 2 | 4 | 0 | T | Genetic Visions-ST | GenVis | 62463 | 20 |

1 result(s) found!

Genotype Confirmations, Conflicts, and Other Close Relatives

Genotype Tab

Q

Search

Requested ID Searches

HO840003307821404

1 result(s) found!

ID/Pedigree

Evaluation

Genotype

Errors

Evaluation Breed: HO - Holstein

Animal

Preferred ID:HO840003307821404

Name:COLDSPRINGS MOOMOO 15768-P

DOB:2025-12-19

Sex:F

Multi-Birth Code:1

ID Source Code:B

Pedigree Source Code:B

Animal Sire Reporter:Holstein

Animal Dam Reporter:Holstein

Blend Code:S

Sire

ID:HO840003277629429

Name:HAVEITALL BLAKELY HINGE-ET

DOB:2023-09-24

Source Code:B

Genotyped:Yes

Dam

ID:HO840003269046412

Name:COLDSPRINGS KOKO-PP14437-ET

DOB:2023-11-12

Source Code:B

Genotyped:Yes

Maternal Grandsire

ID:HO840003220398053

Name:HOUIN SSI PERFECT ISON-P-ET

DOB:2020-11-08

Source Code:B

Genotyped:Yes

Does the animal qualify for a genomic evaluation?

Nomination Status

Sample Status

Genotype Confirmations, Conflicts, and Other Close Relatives

57

Genotype Tab

Search

Requested ID Searches

HO840003307821404

1 result(s) found!

Genotype Confirmations, Conflicts, and Other Close Relatives

MGS InfoPGS InfoShow All

Sample ID: HAU1216550A-01 - Barcode & Position: 209998270089 R05C04 - Usability Indicator: Y

Genotype Confirmations

| Confirmation Type | Confirmed Genotype | |
|-------------------|---------------------|---------------------------------------|
| | Barcode & Position | Confirmed ID |
| Sire | 207576630056 R05C03 | HO840003277629429 [M] |
| Sire | 208514200031 R11C02 | HO840003277629429 [M] |
| Sire | 209354200147 R01C03 | HO840003277629429 [M] |
| Sire | CH98082512 50 | HO840003277629429 [M] |
| Dam | 207649640081 R05C03 | HO840003269046412 [F] |

<<<1>>>

1 - 5 of 5 items

Genotype Conflicts

| Pedigree Change | Conflict Type | | Conflicting Genotype | | |
|-----------------------|---------------|------|----------------------|----------------|-----|
| | Message | Code | Barcode & Position | Conflicting ID | USE |
| No records available. | | | | | |

Other Close Relatives

| Relative ID | Relative Barcode & Position | USE | SNP | | |
|-----------------------|-----------------------------|-----|----------|------|-----------|
| | | | Compared | Same | Conflicts |
| No records available. | | | | | |

Genotype Tab

Q

Search

Requested ID Searches

HO840003249785217

X

1 result(s) found!

Genotype Confirmations, Conflicts, and Other Close Relatives

MGS Info

PGS Info

Show All

Sample ID: HO840F003249785217 - Barcode & Position: GV4538187161 R10C09 - Usability Indicator: N

| Genotype Confirmations | | |
|------------------------|--------------------|--------------|
| Confirmation Type | Confirmed Genotype | |
| | Barcode & Position | Confirmed ID |
| No records available. | | |

| Genotype Conflicts | | | | | |
|---|------------------|--------------------|----------------------|---------------------------------------|-----|
| Pedigree Change | Conflict Type | | Conflicting Genotype | | |
| | Message | Code | Barcode & Position | Conflicting ID | USE |
| | Sire conflict | N3 | 204106260068 R01C02 | HO840003150701313 [M] | Y |
| | Discovered sire | T2 | 202926000022 R09C02 | HO840003146616075 [M] | Y |
| | PGS is unlikely | O7 | 200577420042 R08C02 | HO840003134652407 [M] | Y |
| | MGS is unlikely | O6 | 4709033045 B | HOUSA000066636663 [M] | Y |
| | Progeny conflict | N5 | 206915550039 R14C02 | HO840003243327788 [F] | Y |
| <div><div><<</div><div><</div><div>1</div><div>></div><div>>></div></div> <div>1 - 5 of 5 items</div> | | | | | |

Fix_FMT1

| Other Close Relatives | | | | | |
|-----------------------|-----------------------------|-----|----------|------|-----------|
| Relative ID | Relative Barcode & Position | USE | SNP | | |
| | | | Compared | Same | Conflicts |
| No records available. | | | | | |

Genotype Tab

Q Search

Sample ID: HO840F003249785217 – Barcode & Position: GV4538187161 R10C09 – Usability Indicator: N

Genotype Confirmations

Genotype Conflicts

FMT1

1

Update Information

2

Review Changes and Submit

FMT1 Records

| Sex | Animal | Sire | Dam | Cross Reference/Clone | DOB | Source Code | Mod Date | Rec Type | Ped Verif | Rec Ver | MBC | HRC | Reg Stat | Name |
|---|-------------------|-------------------|-------------------|-----------------------|------------|-------------|----------|----------|-----------|---------|-----|-----|----------|------|
| Current CDCB pedigree data | | | | | | | | | | | | | | |
| F | HO840003249785217 | HO840003150701313 | HO840003214062733 | | 20201109 | N | 20260410 | P | 2 | 1 | 1 | | | |
| Genotype based suggestion Suggestion are based on genotypes and other data such as current sire/dam/animal pedigree birthdates, sample labeling, etc.. | | | | | | | | | | | | | | |
| F | HO840003249785217 | HO840003146616075 | HO840003214062733 | | 20201109 | N | 20260423 | P | 2 | 1 | 1 | | | |
| User Input | | | | | | | | | | | | | | |
| F | HO840003249785217 | HO840003146616075 | HO840003214062733 | | 2020-11-09 | N | 20260423 | P | 2 | 1 | 1 | | | |

Cancel

Next

Errors Tab

 Search

Requested ID Searches

HO840003249785217 

HO840003249785217

- ID/Pedigree
- Evaluation
- Genotype
- Errors

Error Information

☐ Pedigree (fmt-1)

Apply

Clear



1 result(s) found!

Errors Tab

Q

Search

Requested ID Searches

HO840003249785217

HO840003249785217

HO840003249785217

ID/PedigreeEvaluationGenotypeErrors

Error Information

☒ Pedigree (fmt-1)

Apply

Clear

Pedigree (fmt-1) | No Errors Found

1 result(s) found!

Errors Tab

HO840003291704984

- ID/Pedigree
- Evaluation
- Genotype
- Errors

Error Information

☒ Pedigree (fmt-1)

Apply

Clear

▼ Pedigree (fmt-1) | 1 Source File

▼ Errors in File 20250807.1G

| Error Code | Disposition Code | Description | ID | Herd | Source Code | Date |
|------------|------------------|--|-------------------|------|-------------|------|
| 3Gd | Changed | Input dam identification differs with master file dam identification because input dam is unknown or invalid. Master file dam will not be updated. To delete master file dam identification, input must be verified and either input must be non-DRPC sour | HO840003260813953 | | B | |

| Sire | Dam | Cross Reference | DOB | Source Code | Processing Date | Record Type | Verification Code | Multi-Birth Code | Registry Status | File Name |
|-------------------|-----|-----------------|------------|-------------|-----------------|-------------|-------------------|------------------|-----------------|------------|
| HO840003259995029 | | | 2025-07-02 | B | 2025-08-07 | P | 0 | 3 | | 20250807.1 |

1 result(s) found!

Data Exchange > Special Section


DATA EXCHANGE – SPECIAL SECTION

- ID/Pedigree
- Genotype
- Special Section
- Reports
- Create Format

SEARCH FOR:

API REQUEST:

No File Chosen

 Drag and Drop to UpLoad or [Browse for a File](#)
Maximum upload file size: 5MB

INPUT: An ASCII Text File(.txt) including Animal ID with one entry per line (E.g, HOUSA000069998491)

[Get JSON/CSV File\(s\)](#)

[Clear](#)

Data Exchange > Special Section

DATA EXCHANGE – SPECIAL SECTION

SEARCH FOR:

Animal ID (17 bytes) ▾

Animal ID (17 bytes)

Animal ID + Sex Code (18 bytes)

Sample ID (20 bytes max)

Herd ID

ID Range

FMT1 Record

Barcode & Position

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

API REQUEST:

Select Query Options

No File Chosen

Drop to Upload or [Browse for a File](#)

Maximum upload file size: 5MB

Animal ID with one entry per line (E.g, HOUSA000069998491)

File(s)

Clear

API Requests differ depending on the input type

Data Exchange > Special Section

DATA EXCHANGE – SPECIAL SECTION

SEARCH FOR:

API REQUEST:

Bulk Transfer ✖

No File Chosen



Drag and Drop to UpLoad or [Browse for a File](#)

Maximum upload file size: 5000 rows

INPUT: An ASCII Text File(.csv) including Animal ID (17 bytes)/ Animal ID + Sex Code (18 bytes), Sample ID, and New Requester with one entry per line (E.g, Animal ID: HO840003238377774, Sample Id: Z003368764, New Requester: ABS)

Transfer

Clear

Data Exchange > Special Section

DATA EXCHANGE – SPECIAL SECTION

SEARCH FOR:

Animal ID (17 bytes)

Animal ID (17 bytes)

Animal ID + Sex Code (18 bytes)

Sample ID (20 bytes max)

Herd ID

ID Range

FMT1 Record

Barcode & Position

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

API REQUEST:

Select Query Options

No File Chosen

Drop to Upload or [Browse for a File](#)

Maximum upload file size: 5MB

Animal ID with one entry per line (E.g. HOUSA000069998491)

File(s)

Clear

Data Exchange > Special Section

DATA EXCHANGE – SPECIAL SECTION

SEARCH FOR:

Animal ID (17 bytes) 

API REQUEST:

Select Query Options



No File Chosen




Drag and Drop to UpLoad or [Browse for a File](#)

Maximum upload file size: 5MB

INPUT: An ASCII Text File(.txt) including Animal ID with one entry per line (E.g, HC

[Get JSON/CSV File\(s\)](#)

[Clear](#)



- ☐ Select All
- ☐ Get Herd Code and CDCB Fee for Specified Animal ID
- ☐ History of Genotypes
- ☐ Sample ID Lookup
- ☐ Suggested Dam

Data Exchange > Create Format

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

DATA EXCHANGE - CREATE FORMAT

- ID/Pedigree
- Genotype
- Special Section
- Reports
- Create Format

SEARCH FOR:

SEX ☐ Male ☒ Female

API REQUEST:

No File Chosen

↓ Drag and Drop to UpLoad or [Browse for a File](#)

Maximum upload file size: 5MB

INPUT: An ASCII Text File(.txt) including Animal ID with one entry per line (E.g, HO124F000007890183)

Can be used to create a Format 1 file for animals with pedigrees in the database

Special Section

- GUI tools to help nominate, check fees, find parentage, etc.
- Limited to 50 animals per request for most of the requests
- Reports – Create reports that can help identify animals needed for troubleshooting or corrections
- Performance Metrics – View the monthly report card performance metrics for the past 12 months in both table and graph formats

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) ▼

HO840003291704984
HO840003291705004
HO840003307821138
HO840003307821151
HO840003307821203
HO840003307821206
HO840003307821215
HO840003307821281
HO840003307821404

REQUESTER* GenVis ▼

GROUP/HERD* 5104181

GENOTYPE RECIPIENT CODE L ▼

FEE* CDCB Deter... ▼

HRC ▼

Run Query

Clear

Special Section > Bulk Nomination

Animal ID (17 bytes)/ Animal ID + Sex Code (18 bytes)Found 6/6 result setsREQUESTER*GenVis

1

2

Input Information

Review Changes and Submit

| | Animal | Sex | Sire | Dam | DOB | MBC | SRC | |
|---|-------------------|-----|--|---|--|---|----------------------------|---|
| ▼ | HO840003307821138 | F | HO840003257574731 | HO840003269046412 | 2025-07-26 | 3 | B | ✖ |
| | | | <div>Requester</div> <div>GenVis</div> | <div>Fee</div> <div>CDCB Determined</div> | <div>Group/Herd</div> <div>5104181</div> | <div>Genotype Recipient Code</div> <div>L</div> | <div>HRC</div> <div></div> | |
| ▼ | HO840003307821151 | F | 574731 | HO840003260814066 | 2025-08-02 | 1 | B | ✖ |

Note: Can only be used to create nominations for animals already in the database

Special Section > Nominate Animal

QUERIES

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.
- 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](#)

HO840003307821404
HO840003307821604
HO840003307821605
HO840003307821606

Run Query

Clear

Special Section > Nominate Animal

NOMINATE ANIMAL

Animal ID (17 bytes) Found 3/4 result sets

FOUND

Select All - 3/3 selected

HO840003307821404

HO840003307821605

HO840003307821606

Click on the button to add new nominations for selected animals

New/Change Nominate

NOT FOUND

Select All - 1/1 selected

HO840003307821604

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

Create Animal & Nominate

Both new and already existing IDs can be nominated from this tool



Special Section > Nominate Animal

Animal Sire Reporter: Holstein
Animal Dam Reporter: Holstein
Blend Code: S

ID: [HO840003269046412](#)
Name: COLDSPRINGS KOKO-PP14437-ET
DOB: 2023-11-12
Source Code: B
Genotyped: Yes

Does the animal qualify for a genomic evaluation?

Nomination Status

| Nomination | | | | | | | |
|------------|-----------|------------|-------------------------|----------------------------------|-----|-------------------|------------------|
| Nom. Date | Requester | Group/Herd | Genotype Recipient Code | Herd Code Difference Reason Code | Fee | Fee Assigned Date | Mod. Date |
| 2025-12-23 | HO | 51040181 | | | 1 | 2025-12-23 | 2025-12-23 04:46 |

Billing

| Bill. Date | Requester | Fee | Amount (\$) | Use Weekly | Mod. Date |
|------------|-----------|-----|-------------|------------|------------------|
| 2026-02-03 | HO | 1 | 0 | 2026-01-17 | 2026-02-04 05:48 |

Sample Status

| Sample ID | Barcode & Position | Chip Name | Fee | Usability Ind. | Pending | Sire Status | Dam Status | Progeny Count | Tissue Source | Lab | Requester | SNP Read |
|----------------|---------------------|-----------|-----|----------------|---------|-------------|------------|---------------|---------------|--------|-----------|----------|
| HAU1216550A-01 | 209998270089 R05C04 | ZOC | 1 | Y | | 1 | 1 | 0 | H | Zoetis | HO | 69613 |

3 result(s) found!

Opens a new tab, where the found animals are Queried, and their Genotype Tab is open

Special Section > Nominate Animal

NOMINATE ANIMAL

Animal ID (17 bytes) Found 3/4 result sets

FOUND

Select All – 3/3 selected

☒ HO840003307821404

☒ HO840003307821605

☒ HO840003307821606

Click on the button to add new nominations for selected animals

New/Change Nominate

NOT FOUND

Select All – 1/1 selected

☒ HO840003307821604

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

Create Animal & Nominate

Both new and already existing IDs can be nominated from this tool

Special Section > Nominate Animal

Opens a new tab

webconnect.uscdcb.com/#/special-section/nominate-animal

Welcome, ckhoff!

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

You are signed in as CDCB staff. Please remember that you are viewing non-public and confidential information intended for authorized personnel only. Handle all data responsibly and in accordance with CDCB policies

Input Information Review Changes and Submit

| Sex | Animal | Sire | Dam | DOB | MBC | Name | Group/Herd | Genotype Recipient Code | Fee | HRC | Requester |
|----------------------|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-------------------------|----------------------|----------------------|-----------|
| <input type="text"/> | HO840003307821604 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | HO |

Cancel Next

Dashboard

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Can create a pedigree and nomination from scratch

Special Section > Reports

REPORTS

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

REPORT

Lists Genotypes with Fee Code=N Loaded in the past 6 Months ▼

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

Check for Missing Pedigree of Animals Nominated in the Past 75 Days

List Conflicting Genotypes within Animal (Negative Keys)

Animals with Unlikely Grandsire (and no Other Conflict) in the Past 6 Months

Animals with Genotypes that Conflict with Imputed Dam Genotypes

Parentage Verification records for Genotypes Loaded in the Past 45 Days

AFFILIATE

Genetic Visions-ST ▼

Clear



Special Section > Reports

REPORT

Lists Genotypes with Fee Code=N Loaded in the past 6 Months

AFFILIATE

Lists Genotypes with Fee Code=N Loaded in the past 6 Months

Export CSV

| Animal | Sex | Sample ID | Geno Arrival Date | Usability Ind. | Group/Herd | Bill Fee Code | Nom Fee Code |
|-------------------|-----|--------------------|-------------------|----------------|------------|---------------|--------------|
| GUUSA000097012899 | F | GUUSAF000097012899 | 2025-11-13 | N | 42310529 | N | 2 |
| HO840003269556789 | F | HO840F003269556789 | 2025-10-30 | N | 42710190 | N | 1 |
| HOCAN000014945723 | F | HOCANF000014945723 | 2026-03-29 | N | 21301003 | N | 3 |
| HO840003284842775 | F | HO840F003284842775 | 2026-02-18 | N | 21051000 | N | 3 |
| HOUSA00023WGA5100 | F | HOUSAF00023WGA5100 | 2026-01-16 | N | 23361747 | N | 3 |
| HOCAN000122079172 | F | HOCANF000122079172 | 2026-01-28 | N | CAN | N | 6 |
| HOCHL000023380556 | F | HOCHLF000023380556 | 2025-12-17 | N | CHL | N | 8 |
| HO840003306496930 | F | HO840F003306496930 | 2026-01-28 | N | 93540886 | N | 2 |
| JE840003298975196 | F | JE840F003298975196 | 2026-02-06 | N | 87902355 | N | 5 |
| HO840003306497068 | F | HO840F003306497068 | 2026-01-28 | N | 93540886 | N | 2 |
| HO840003304141615 | F | HO840F003304141615 | 2025-12-27 | N | USA | N | 5 |
| HOCAN000015103550 | F | HOCANF000015103550 | 2025-11-13 | N | CAN | N | 6 |
| HO840003293904091 | F | HO840F003293904091 | 2026-02-20 | N | 74974513 | N | 1 |
| HOBRA6832A220051 | F | HOBRAFC6832A220051 | 2026-04-16 | N | BRA | N | 7 |

Top Animal Listing

The screenshot shows the CDCB website's 'Top Animal Listing' page. At the top left is the CDCB logo. A navigation bar at the top right contains links: 'Queries', 'Data Exchange', 'Special Section', 'Top Animal Listing' (which is underlined), 'Summary Stats', and 'National Performance Metrics'. Below the navigation bar is a blue banner with the text 'TOP ANIMAL LISTING' and a yellow warning message: 'The CDCB database is currently locked. Any submissions made will be processed automatically as soon as the database is unlocked.' Below the banner is a search and filter form. It includes: 'SEX' with radio buttons for 'Male' (selected) and 'Female'; 'BREED' with a dropdown menu showing 'HO - Holstein'; 'INDEXES & TRAITS' with a text input field containing 'Select Indexes & Traits'; 'SUBSET' with a dropdown menu showing 'All Item(s)' and a red 'x' icon; 'EVAL DATE' with a dropdown menu showing 'April 2026'; and 'RANK BY' with a dropdown menu showing 'NM\$ - Net Merit'. At the bottom of the form are two buttons: 'Run Query' and 'Clear'.

- Updated non-A.I. bulls and females Tuesday shortly after release time on release day
- Thursday post-release A.I bulls are updated in sync with NAAB

Summary Stats

- Evaluation-specific reports and summaries gathered into a single menu

The screenshot shows the CDCB website interface. At the top, the CDCB logo is on the left, and a navigation bar contains links: [Queries](#), [Data Exchange](#), [Special Section](#), [Top Animal Listing](#), [Summary Stats](#) (which is active and has a dropdown menu), and [National Performance Metrics](#). The dropdown menu for 'Summary Stats' lists the following options: Genetic Trend, Merit Percentile Tables, Breed Means, Bases, Heterosis, and Inbreeding Regressions, Comparison of AI Bull Evaluations, Comparison of Genomic and Traditional Evaluations, Bull Statistics, Elite Cow and Heifer Statistics, Average Evaluations by Country of Most Daughters, and Source of Top/Bottom 100 Bulls on Each Country's Scale. Below the navigation bar is a blue banner with the word 'QUERIES' in white. A yellow text overlay on the banner reads: 'The CDCB database is currently locked. Any submissions made will be processed as soon as the database is unlocked.' Below the banner is a search section. It includes a 'SEARCH FOR' label, two radio buttons for 'Cattle' (selected) and 'Goat', and a text input field containing 'Animal ID (17 bytes)/ Animal ID + Sex Code (18 bytes)'. Below the input field is a note: 'Each value must be on a separate line.' At the bottom left, under 'INPUT:', there is a bullet point: 'Animal ID (17 bytes): Breed, Country Code, and ID Number.'

Summary Stats

| <u>Pre-Release</u> | <u>Release</u> | <u>Post-Release</u> |
|--|---|---|
| Thu, 12 PM EST | Tue, 7:05 AM EST | Thu, 10/12 AM EST |
| <ul style="list-style-type: none"> • Breed means, bases and heterosis • Comparison of A.I. bull evaluation • Comparison of genomic and traditional evaluations • Elite cow and heifer statistics • Genetic trend • Percentile tables | <ul style="list-style-type: none"> • Average evaluations by country of most daughters • Source of Top 100 Bulls on each country's scale • Top Animal Listing – All Bulls • Top Animal Listings – All Cows | <ul style="list-style-type: none"> • Bull statistics • Inbreeding information • Top Animal Listing – Active A.I. Sires (A) |

National Performance Metrics

- Previously known as the K-Reports, static reports
- Recently revamped by Dr. Taylor McWhorter, containing new details and descriptions for metrics
- Live tables including citation information
- Tomorrow, Dr. Fiona Guinan will present on the use of U.S. dairy cattle statistics formed by NPM

Questions?

Thank you!