Resources: Using Redmine

Courtney K Hoff, Data Support Specialist

2024 CDCB Genomic Nominators and Laboratories Workshop

Tuesday, July 30th 2024

CDCB's Redmine Portal

- An integrated documentation portal where collaborators can ask questions, report issues, and find documentation

- Essentially, CDCB's customer service hub

Search: [   ]   Jump to a project... ▼
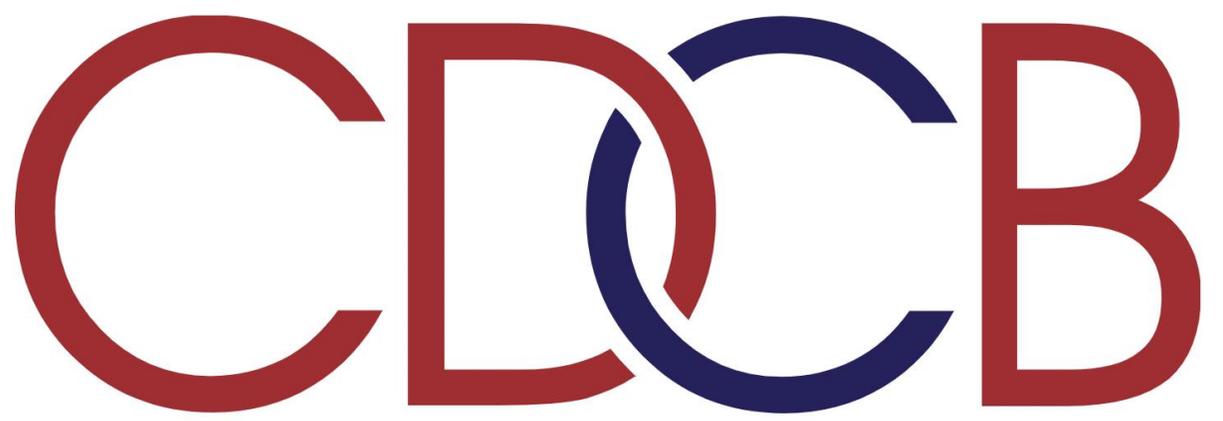
CDCB integrated documentation system

Home

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]

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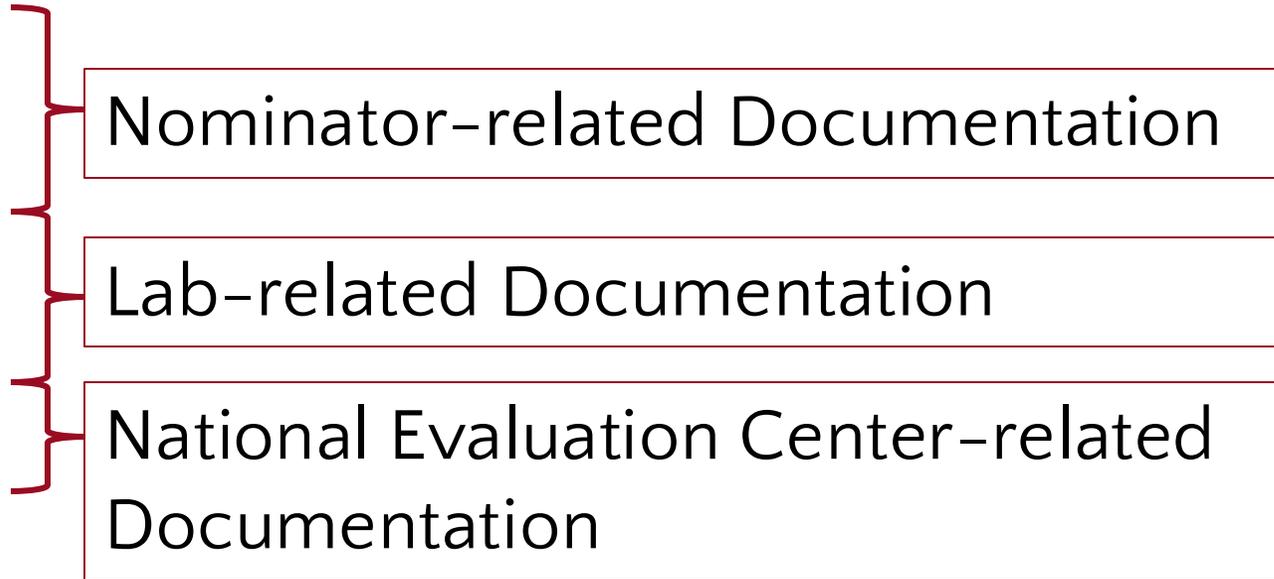
For unregistered users (no password required): ⬀ https://redmine.uscdcb.com/projects/cdcb-customer-service/wiki [access to "CDCB Nominator project" documentation]

Accessible to all

Browser tab: Wiki - CDCB collaborator port

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

Search: [   ] [CDCB collaborator portal ▾]

CDCB collaborator portal

Overview   **Activity**   **Documents**   **Wiki**

INDEX

Table of contents

CDCB public documentation
CDCB approved nominators documentation
   GENOMIC NOMINATOR APPLICATION AND CERTIFICATION INFORMATION
   USEFUL DOCUMENTATION
   NOMINATOR SERVICES
   COMMONLY USED CODES
   PROCEDURES
   FORMATS
CDCB certified genotyping laboratories documentation
   GENOTYPING LABS APPLICATION AND CERTIFICATION INFORMATION
   USEFUL DOCUMENTATION
   COMMONLY USED CODES
   PROCEDURES
   FORMATS
National Evaluation Centers
   NATIONAL EVALUATION CENTERS - RECOGNITION INFORMATION
   FORMATS

Nominator-related Documentation

Lab-related Documentation

National Evaluation Center-related Documentation

CDCB public documentation

- International genotype exchange partners
- CDCB Guidelines for Health Data Management
- CDCB Mark & Logo Guidelines
- QCS quality control error documentation
- Evaluation files access

CDCB approved nominators documentation

Wiki

Start page
Index by title
Index by date

redmine.uscdcb.com/projects

Sign in

CDCB integrated documentation system

Search:

Jump to a project...

Projects Activity News

Projects

▾ Filters

☑ Status   is ▾   active ▾ ⊞

Add filter ▾

▸ Options

✓ Apply ↻ Clear

CDCB collaborator portal

CDCB Policies and Regulations

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

WebConnect (Production)

Documentation space for the production WebConnect systerm

CDCB Committees

Membership and terms of reference.

Also available in: 🔊 Atom

Search: [   ]   Jump to a project... ▼

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To create tickets, access monthly report cards, and see other project documentation, you must have an account

Creating 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

Creating a Redmine Account

Important! WebConnect accounts and Redmine accounts are not the same. Both operate separately and the accounts are not linked.

Creating a Redmine Account

- Information required:

  - Account holder name

  - Organization

  - Valid email address

Valid email address =

1. Not previously used for a different Redmine account

2. Up to date, if your company changes email addresses please let us know!

Creating a Redmine Account

- With collaborator account access you will be able to access the Issues tab of the Collaborator Portal

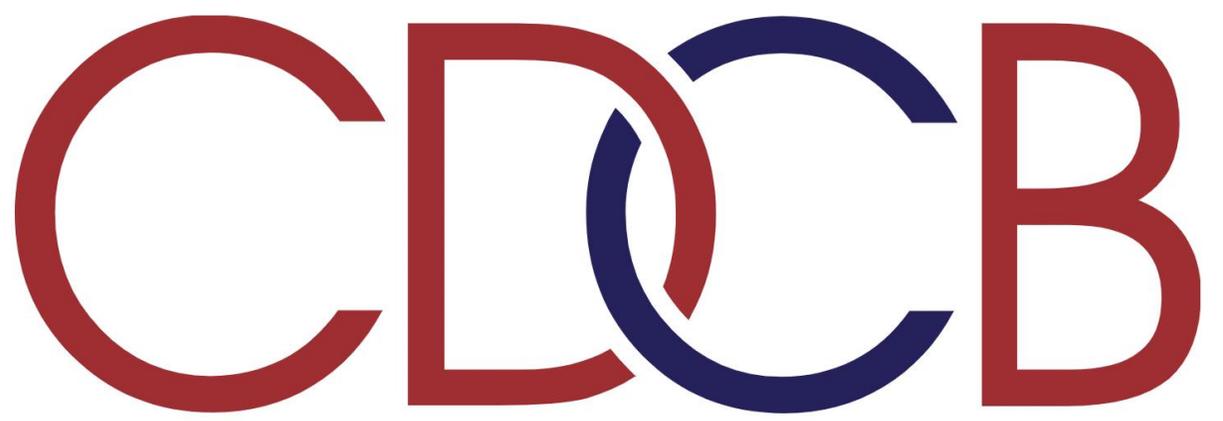- You will also be able to access an additional sub-project:

CDCB collaborator portal 👤

| Nominators_and_labs_comms 👤

Subproject where monthly report cards can be accessed

Search: [   ]   Jump to a project... ▼

CDCB integrated documentation system
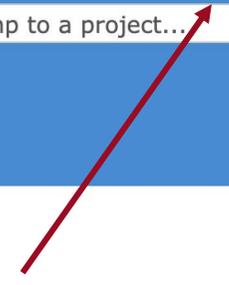
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redmine.uscdcb.com/login

Search:

Jump to a project...

CDCB integrated documentation system

Login

Password   Lost password

Login

Home My page Projects Help   Logged in as **choff**   **My account** **Sign out**

CDCB collaborator portal

Search: CDCB collaborator portal ▾

CDCB collaborator portal

[+] **Overview**   **Activity**   **Issues**   **Documents**   **Wiki**

Overview   🏷 Add bookmark

🗒 Issue tracking 🔍

	open	**closed**	**Total**
Support	43	11950	11993
Bug	0	3	3
Feature	0	1	1
Report	0	0	0
Web	0	1	1
IT	0	0	0

View all issues | Summary

👥 Members

Manager: enicolazzi, jcarrillo

Developer: alegarra

Readonly: brevitas_akrish, brevitas_amarzo, brevitas_apeer, brevitas_bdanilov, Brevitas

CDCB_customergroup: abs_astiefel, abs_cgordon, abs_kstephan, abs_lryan, abs_mmcclure, abs_sIordachescu, adga_gmoore, anafi_jkaam, anafi_mmarusi, anafi_vferrari, biogen_arodriguez, biogen_cwhelan, biogen_dcastro, biogen_jbehan, biogen_pgarcia, biogen_slafferty, biogen_swall, board_bverboort, board_csattler, board_jclay, board_lday, breeday_acrosser, breeday_bpayne, breedbs_ahorn, breedgu_dgranitz, breedgu_ralden, breedho_abristol, breedho_dsheffield, breedho_hoperations, breedho_hoperators, breedho_jbewley, breedho_jlevisee, breedho_kputnam, breedho_rgale, breedho_scomstock, breedho_tlawlor, breedho_tmetell, breedje_cthomas, breedje_cwolfe, breedje_djones, breedje_emetzger, breedje_emonrad, breedje_hkurtz, breedje_jwilliams, breedje_lwolfe, breedje_pcleary, breedje_smack, breedje_vwhite, breedms_kgulley, breedms_klynch, cdn_ewilliams, cdn_jzimmerman, cdn_pbeaumont, cmbc_dfulinova, cmbc_dlipovsky, cmbc_jkucera, cmbc_mpribanova, cogent_kspiers, cogent_mwinters, cogent_swilson, conafe_jltejeda, crvnld_cschrooten, crvnld_hgeertsema, crvnld_sdeross, crv_abenzine, crv_aeu, crv_dwilson, crv_herdoptimizer, crv_ivermeer, crv_kpeper, crv_sshimshak, drpcca_broessler, drpcca_dathy, drpcca_jbeaulieu, drpcca_lpierucci, drpcca_tparreira, drpcnc_acoburn, drpcnc_fdarter, drpcnc_gpalas, drpcnc_jpotenzano, drpcnc_pdukas, drpcnc_rfourdraine, drpcnc_rjohnson, drpcnc_sjohnson, drpcnc_tguyer, drpcut_bday, drpcut_cmyers, drpcut_hallan, drpcut_hcrawford, drpcut_lbrost, drpcut_mgren, drpcut_tzumbrennen, drpcwi_acoburn, drpcwi_dmoll, drpcwi_hwilliams, drpcwi_jcooper, drpcwi_lmarty, drpcwi_sripp, drpcwi_sshimshak, egenes_mwinters2, eleveo_agillon, eleveo_gen, eleveo_tpaques, eurofins_blauritzen, eurofins_itr05, eurofins_spedersen, evol_mriviere, evol_sdelaunay, genvis_ccawkins, genvis_cneis, genvis_darendt, genvis_gvilab, genvis_jbarth

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

Search: [   ] CDCB collaborator portal ▼

CDCB collaborator portal

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

Issues

⊕ New issue •••

▾ Filters

☑ Status   open ▼   Add filter [▼]

▸ Options

✔ Apply ⟳ Clear 💾 Save

☐	# ▾	Status	Priority	Subject	Assignee	Updated	Project	
☐	14453	New	Normal			07/12/2024 02:54 PM	CDCB collaborator portal	•••
☐	14444	New	Normal			07/11/2024 12:05 PM	CDCB collaborator portal	•••
☐	14442	In Progress	Normal			07/12/2024 09:43 AM	CDCB collaborator portal	•••
☐	14425	In Progress	Normal			07/09/2024 09:22 AM	Nominators_and_labs_comms	•••
☐	14417	In Progress	Normal			07/09/2024 04:28 PM	CDCB collaborator portal	•••
☐	14409	In Progress	Normal			07/10/2024 09:03 AM	Nominators_and_labs_comms	•••
☐	14403	In Progress	Normal			07/08/2024 04:26 PM	Nominators_and_labs_comms	•••
☐	14401	In Progress	Normal			07/03/2024 01:48 PM	CDCB collaborator portal	•••
☐	14385	New	Normal			07/08/2024 11:19 AM	Nominators_and_labs_comms	•••
☐	14377	New	Normal			07/08/2024 11:19 AM	Nominators_and_labs_comms	•••
☐	14376	In Progress	Normal			07/08/2024 03:42 PM	Nominators_and_labs_comms	•••
☐	14374	New	Normal			07/08/2024 11:18 AM	Nominators_and_labs_comms	•••
☐	14366	In Progress	Normal			07/11/2024 10:19 AM	CDCB collaborator portal	•••
☐	14362	In Progress	Normal			06/27/2024 04:34 PM	CDCB collaborator portal	•••
☐	14359	In Progress	Normal			07/09/2024 03:17 PM	CDCB collaborator portal	•••
☐	14331	In Progress	Normal			06/24/2024 01:53 PM	CDCB collaborator portal	•••
☐	14300	In Progress	Normal			06/18/2024 02:26 PM	CDCB collaborator portal	•••
☐	14299	In Progress	Normal			06/18/2024 11:04 AM	CDCB collaborator portal	•••
☐	14282	In Progress	Normal			06/14/2024 02:16 PM	CDCB collaborator portal	•••
☐	14273	In Progress	Normal			06/14/2024 05:51 PM	CDCB collaborator portal	•••

Reporting Issues

Two ways to report issues:

1. Via the Issues Tab in Redmine

2. Via Email
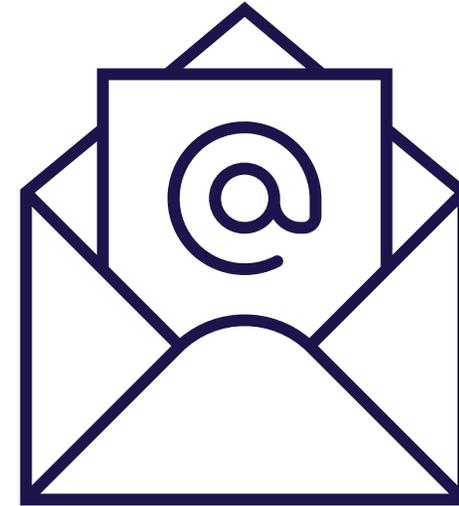
Guide available:

https://redmine.uscdcb.com/attachments/download/143/CDCB_NominatorPortal_UserManual.pdf

CDCB
COUNCIL ON DAIRY CATTLE BREEDING

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

Search: [   ]   CDCB collaborator portal ⌄

CDCB collaborator portal

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

Issues   ⊕ New issue ⋯

▾ Filters
☑ **Status**   [open ⌄]   Add filter [⌄]
▸ Options

✔ Apply   ⟳ Clear   💾 Save

☐	# ⌄	Status	Priority	Subject	Assignee	Updated	Project	
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☐	14273	In Progress	Normal			06/14/2024 05:51 PM	CDCB collaborator portal	⋯

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

Reporting Issues via Email

- Must send the email from an email with a registered CDCB Redmine account

- Recipient of the email redmine@redmine.uscdcb.com

- CC'd contacts will be "Watchers" if they also have CDCB Redmine account

- Subject of the email = Subject of the ticket

- Body of the email = Description in the ticket

Reporting Issues via Email: Example

To CDCB Redmine from an email with a registered account

Subject = Subject

Body = Description

Reporting Issues via Email

- Please be aware that when you respond to a Redmine ticket via email if the Subject is changed from: "My issue" to "RE: My issue" it will create a new ticket!

- Multiple tickets are confusing to track

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Home My page Projects Help   Logged in as **choff** **My account Sign out**

Search: [   ] CDCB collaborator portal ⌄

CDCB collaborator portal

+ **Overview   Activity   Issues   Documents   Wiki**

INDEX

Table of contents

CDCB public documentation
CDCB approved nominators documentation
   GENOMIC NOMINATOR APPLICATION AND CERTIFICATION INFORMATION
   USEFUL DOCUMENTATION
   NOMINATOR SERVICES
   COMMONLY USED CODES
   PROCEDURES
   FORMATS
CDCB certified genotyping laboratories documentation
   GENOTYPING LABS APPLICATION AND CERTIFICATION INFORMATION
   USEFUL DOCUMENTATION
   COMMONLY USED CODES
   PROCEDURES
   FORMATS
National Evaluation Centers
   NATIONAL EVALUATION CENTERS - RECOGNITION INFORMATION
   FORMATS

/ Edit ⭐ Watch …

Wiki   / Edit

Start page
Index by title
Index by date

Table of Contents can search for Nominator or Lab related information

Search bar: if you are looking for a specific phrase, trying searching for it in "quotes"

CDCB public documentation

- International genotype exchange partners
- CDCB Guidelines for Health Data Management
- CDCB Mark & Logo Guidelines
- QCS quality control error documentation
- Evaluation files access

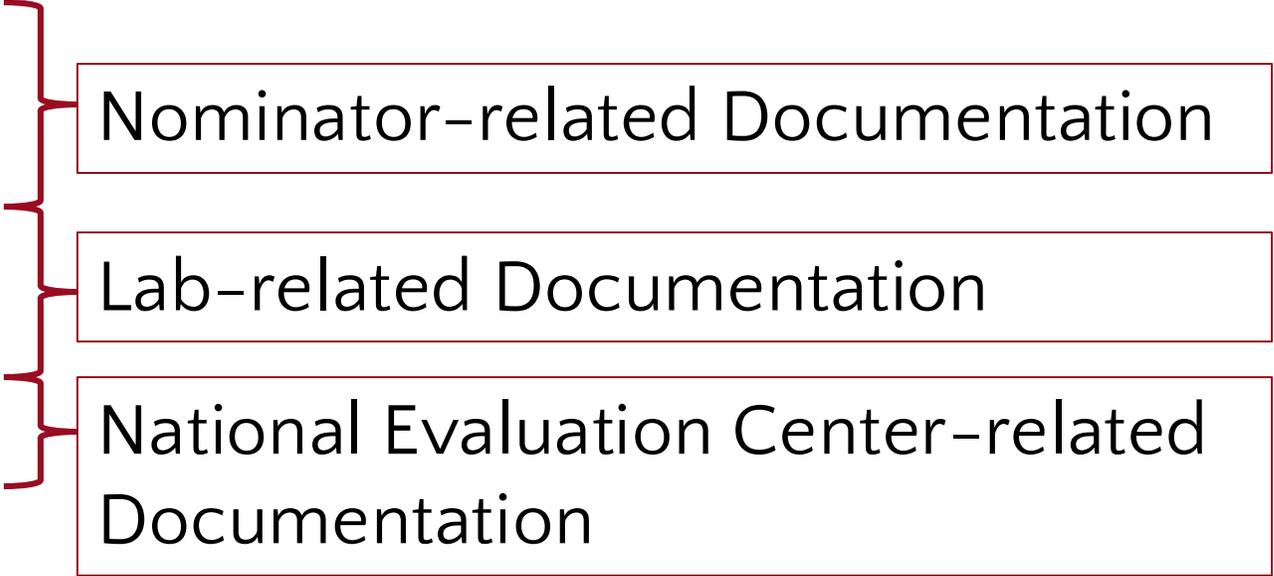## CDCB approved nominators documentation

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

Search: [   ]   CDCB collaborator portal ▼

CDCB collaborator portal

Overview   **Activity**   **Documents**   **Wiki**

INDEX

Table of contents

CDCB public documentation
CDCB approved nominators documentation
  GENOMIC NOMINATOR APPLICATION AND CERTIFICATION INFORMATION
  USEFUL DOCUMENTATION
  NOMINATOR SERVICES
  COMMONLY USED CODES
  PROCEDURES
  FORMATS
CDCB certified genotyping laboratories documentation
  GENOTYPING LABS APPLICATION AND CERTIFICATION INFORMATION
  USEFUL DOCUMENTATION
  COMMONLY USED CODES
  PROCEDURES
  FORMATS
National Evaluation Centers
  NATIONAL EVALUATION CENTERS - RECOGNITION INFORMATION
  FORMATS

Nominator-related Documentation

Lab-related Documentation

National Evaluation Center-related Documentation

Wiki

Start page
Index by title
Index by date

CDCB public documentation

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- CDCB Mark & Logo Guidelines
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CDCB approved nominators documentation

CDCB approved nominators documentation

GENOMIC NOMINATOR APPLICATION AND CERTIFICATION INFORMATION

- CDCB Genomic Nominators - Quality Certification Guidelines (pdf)
- CDCB Genomic Nominators - Application Form (docx)
- CDCB Genomic Nominators - SOP template (docx)
- CDCB Genomic Nominators - 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
- 2022 CDCB Genomic Nominators and Laboratories Workshop

Past Workshop presentations

- CDCB Web Queries
- CDCB Genomic Dictionary
- CDCB general files distributed to nominators
- CDCB email notifications sent to individuals included in the Nominator's contact list
- CDCB Accepted International IDs
- CDCB Accepted goat ID numbers
- American ID registration
- Birth Date Rules
- 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
- DOB limitation for foreign bulls
- Genotype Withdrawal
- New Queries Introduction Session
- Request for CDCB accounts
- Error code documentation
- References

Rules and some documentation regarding common questions

NOMINATOR SERVICES

- CDCB SNP-based parentage certification service

COMMONLY USED CODES ✏

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

Explanations of Codes in Format 1 and error codes

PROCEDURES ✏

- 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

Explanations to pedigree/genomic error fixes and other complex procedures

FORMATS ✏

- **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)
  - CES (Calving Ease Scores)
  - PVR (Parentage Verification Record)

- **Genetic evaluations**
  - Format 38 (Bull/Buck genetic evaluation data - production)
  - Format 40 (Bull genetic evaluation data - type traits)

- Corrections to pedigree to resolve genomic conflicts
- Corrections to production (Format 4 - **DRPC ONLY**)
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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

- CDCB Genotyping Laboratories - Quality Certification Guidelines (pdf)
- CDCB Genotyping Laboratories - Application Form (docx)
- CDCB Genotyping Laboratories - SOP template (docx)
- CDCB Genotyping Laboratories - MLA (docx)
- CDCB Genotyping Laboratories - SNP array validation and SNP information (pdf)
- QC Metrics for Genotyping Laboratories
- Approved CDCB Genotyping Laboratories
- Genotyping Laboratory Certification Procedure
- Genomic Laboratories Annual Review Schedule

Lab Certification Information

USEFUL DOCUMENTATION

- CDCB Genomic Dictionary
- CDCB Web Queries
- Problem. Files Generated during Processing
- Files Generated During Check Process
- Chips Used in CDCB Evaluation
- CDCB SNP array validation form
- CDCB SNP array validation fees
- New Chip Requirements

Rules and some documentation regarding common questions

COMMONLY USED CODES

- Genomic error codes
- Source codes
- Usability codes

PROCEDURES

- Corrections to genotypes (SampleSheet and FinalReports)

Fixing genomic file errors

FORMATS

- CDCB Accepted genotype file formats

Genomic file formats

COMMONLY USED CODES

- Genomic fee code
- Parentage indicator code
- Multiple birth code
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PROCEDURES

- Adding MGS and MGGS
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Corrections to Pedigrees

FORMATS

- **Pedigree, production, & reproduction data**
  - Format 1 (Pedigree data)
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Corrections to pedigree - CD(×

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

Wiki »

✏ Edit   ⭐ Watch   …

✏ Edit

Corrections to pedigree - PUBLIC

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

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.
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How to create cross-references

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.

Search bar: correct birth

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📝 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 incorrect. 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 - %{color:green}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*) - %{color:gr ... ld 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

Search bar: "correct birth"

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Results (2)

📝 Wiki: Corrections_to_pedigree_to_resolve_genomic_conflicts
 h1. Corrections to pedigree to resolve genomi ... orrect 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 - %{color:green}P ... llowing 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

Wiki »

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Corrections to pedigree - **PUBLIC**

General information

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

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How to create cross-references

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.

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Thank you for your attention!