

## Canine Genetic Health Certificate™

**Call Name:** Stormi  
**Registered Name:** FR's Storms a Brewing Over the Hillcrest  
**Breed:** Labrador Retriever  
**Sex:** Female  
**DOB:** Feb. 2020

**Laboratory #:** 420882  
**Registration #:** SS17687210  
**Certificate Date:** Jan. 5, 2024

### This canine's DNA showed the following genotype(s):

Disease	Gene	Genotype	Interpretation
Progressive Retinal Atrophy, Golden Retriever 2	<i>TTC8</i>	WT/WT	Normal (Clear)
Skeletal Dysplasia 2	<i>COL11A2</i>	WT/WT	Normal (Clear)

WT, wild type (normal); M, mutant; Y, Y chromosome (male)

Paw Print Genetics® performed the testing on the dog listed on this certificate. See the Laboratory Report for interpretation and recommendations based on these findings. The genes/diseases reported here were selected by the client. Normal results do not exclude inherited mutations not tested in these or other genes that may cause medical problems or may be passed on to offspring. The results included in this report relate only to the items tested using the sample provided. These tests were developed and their performance determined by Paw Print Genetics. This laboratory has established and verified the test(s) accuracy and precision with >99.9% sensitivity and specificity. The presence of mosaicism may not be detected by this test. Non-paternity may lead to unexpected results. This is not a breed identification test. Because all tests performed are DNA-based, rare genomic variations may interfere with the performance of some tests producing false results. If you think these results are in error, please contact the laboratory immediately for further evaluation. In the event of a valid dispute of results claim, Paw Print Genetics will do its best to resolve such a claim to the customer's satisfaction. If no resolution is possible after investigation by Paw Print Genetics with the cooperation of the customer, the extent of the customer's sole remedy is a refund of the fee paid. In no event shall Paw Print Genetics be liable for indirect, consequential or incidental damages of any kind. Any claim must be asserted within 60 days of the report of the test results. Genetic counseling is available at Paw Print Genetics.



### PRA-prcd DNA Test

Case Number: 145001  
Owner: Jeff Lee  
326 262nd St  
Hawley MN 56549

#### Canine Information

DNA ID Number: **193579**  
Call Name: **Stormi**  
Sex: **Female**  
Birthdate: **02/14/2020**  
Breed: **Labrador Retriever**  
Coat Color: **Yellow**  
Registered Name: **FR's Storms A Brewing Over the Hillcrest**  
Registration Number:  
Microchip/Tattoo:  
Report Date: 8/3/2020  
DNA Result: **Clear (2 copies of the normal allele)**

These results are based on data obtained from analysis of unique DNA loci in accordance with the standards and protocols set forth by DDC Veterinary. The accuracy of the result is based on the information and the quality of samples provided by the client. DDC Veterinary does not assume responsibility of errors due to mislabeled or incorrectly sampled submissions.

  
Matt Shaunessy, Senior Geneticist



### Degenerative Myelopathy DNA Test

Case Number: 144998  
Owner: Jeff Lee  
326 262nd St  
Hawley MN 56549

#### Canine Information

DNA ID Number: **193579**  
Call Name: **Stormi**  
Sex: **Female**  
Birthdate: **02/14/2020**  
Breed: **Labrador Retriever**  
Coat Color: **Yellow**  
Registered Name: **FR's Storms A Brewing Over the Hillcrest**  
Registration Number:  
Microchip/Tattoo:  
Report Date: 8/3/2020  
DNA Result: **Clear (2 copies of the normal allele)**

These results are based on data obtained from analysis of unique DNA loci in accordance with the standards and protocols set forth by DDC Veterinary. The accuracy of the result is based on the information and the quality of samples provided by the client. DDC Veterinary does not assume responsibility of errors due to mislabeling or incorrectly sampled submissions.

  
Matt Shaunessy, Senior Geneticist



### Centronuclear Myopathy DNA Test

Case Number: 144996  
Owner: Jeff Lee  
326 262nd St  
Hawley MN 56549

#### Canine Information

DNA ID Number: **193579**  
Call Name: **Stormi**  
Sex: **Female**  
Birthdate: **02/14/2020**  
Breed: **Labrador Retriever**  
Coat Color: **Yellow**  
Registered Name: **FR's Storms A Brewing Over the Hillcrest**  
Registration Number:  
Microchip/Tattoo:  
Report Date: 8/4/2020  
DNA Result: **Clear (2 copies of the normal allele)**

These results are based on data obtained from analysis of unique DNA loci in accordance with the standards and protocols set forth by DDC Veterinary. The accuracy of the result is based on the information and the quality of samples provided by the client. DDC Veterinary does not assume responsibility of errors due to mislabeled or incorrectly sampled submissions.

  
Matt Shaunessy, Senior Scientist



### Hereditary Nasal Parakeratosis DNA Test

Case Number: 145000  
Owner: Jeff Lee  
326 262nd St  
Hawley MN 56549

#### Canine Information

DNA ID Number: **193579**  
Call Name: **Stormi**  
Sex: **Female**  
Birthdate: **02/14/2020**  
Breed: **Labrador Retriever**  
Coat Color: **Yellow**  
Registered Name: **FR's Storms A Brewing Over the Hillcrest**  
Registration Number:  
Microchip/Tattoo:  
Report Date: 8/3/2020  
DNA Result: **Clear (2 copies of the normal allele)**

These results are based on data obtained from analysis of unique DNA loci in accordance with the standards and protocols set forth by DDC Veterinary. The accuracy of the result is based on the information and the quality of samples provided by the client. DDC Veterinary does not assume responsibility of errors due to mislabeled or incorrectly sampled submissions.

  
Matt Shaunessy, Senior Scientist



### Cystinuria DNA Test

Case Number: 144997  
Owner: Jeff Lee  
326 262nd St  
Hawley MN 56549

#### Canine Information

DNA ID Number: **193579**  
Call Name: **Stormi**  
Sex: **Female**  
Birthdate: **02/14/2020**  
Breed: **Labrador Retriever**  
Coat Color: **Yellow**  
Registered Name: **FR's Storms A Brewing Over the Hillcrest**  
Registration Number:  
Microchip/Tattoo:  
Report Date: 8/3/2020  
DNA Result: **Clear (2 copies of the normal allele)**

These results are based on data obtained from analysis of unique DNA loci in accordance with the standards and protocols set forth by DDC Veterinary. The accuracy of the result is based on the information and the quality of samples provided by the client. DDC Veterinary does not assume responsibility of errors due to mislabeling or incorrectly sampled submissions.

  
Matt Shaunessy, Senior Scientist



### Exercise Induced Collapse DNA Test

Case Number: 144999  
Owner: Jeff Lee  
326 262nd St  
Hawley MN 56549

#### Canine Information

DNA ID Number: **193579**  
Call Name: **Stormi**  
Sex: **Female**  
Birthdate: **02/14/2020**  
Breed: **Labrador Retriever**  
Coat Color: **Yellow**  
Registered Name: **FR's Storms A Brewing Over the Hillcrest**  
Registration Number:  
Microchip/Tattoo:  
Report Date: 8/4/2020  
DNA Result: **Clear (2 copies of the normal allele)**

These results are based on data obtained from analysis of unique DNA loci in accordance with the standards and protocols set forth by DDC Veterinary. The accuracy of the result is based on the information and the quality of samples provided by the client. DDC Veterinary does not assume responsibility of errors due to mislabeled or incorrectly sampled submissions.

  
Matt Shaunesy, Senior Scientist



## Coat Color and Trait Certificate

**Call Name:** Stormi  
**Registered Name:** FR's Storms a Brewing Over the Hillcrest  
**Breed:** Labrador Retriever  
**Sex:** Female  
**DOB:** Feb. 2020

**Laboratory #:** 420882  
**Registration #:** SS17687210  
**Certificate Date:** Jan. 5, 2024

### This canine's DNA showed the following genotype(s):

Coat Color/Trait Test	Gene	Genotype	Interpretation
D Locus (Dilute)	<i>MLPH</i>	D/D	Non-dilute (does not carry dilute)

### Interpretation:

Paw Print Genetics® has genetic counseling available to you at no additional charge to answer any questions about these test results, their implications and potential outcomes in breeding this dog.

Paw Print Genetics® performed the testing on the dog listed on this certificate. The genes/traits reported here were selected by the client. Normal results do not exclude inherited mutations not tested in these or other genes that may cause variation in traits, medical problems or may be passed on to offspring. The results included in this report relate only to the items tested using the sample provided. These tests were developed and their performance determined by Paw Print Genetics. This laboratory has established and verified the test(s)' accuracy and precision with >99.9% sensitivity and specificity. The presence of mosaicism may not be detected by this test. Non-paternity may lead to unexpected results. This is not a breed identification test. Because all tests performed are DNA-based, rare genomic variations may interfere with the performance of some tests producing false results. If you think any results are in error, please contact the laboratory immediately for further evaluation. In the event of a valid dispute of results claim, Paw Print Genetics will do its best to resolve such a claim to the customer's satisfaction. If no resolution is possible after investigation by Paw Print Genetics with the cooperation of the customer, the extent of the customer's sole remedy is a refund of the fee paid. In no event shall Paw Print Genetics be liable for indirect, consequential or incidental damages of any kind. Any claim must be asserted within 60 days of the report of the test results.