AMERICAN KENNEL CLUB

NAME
GT 'S MAGNIFICENT FIRESTONE OF NASHVILLE (EYE20 AKC DNA #V10055360)

NUMBER
PR24619303

BREED
POODLE

SEX
MALE

COLOR
RED

DATE OF BIRTH
SEPTEMBER 18, 2021

SIRE
CHOICE PAWS HEART OF NASHVILLE
PR22480004 01-22

DAM
BTJJ SWEET LOVIN' MOLLY
PR20097402 03-19

BREEDER
BLAINE STAUFFER

OWNER

A.P. Pups

AMERICAN KENNEL CLUB®

CERTIFICATE ISSUED
NOVEMBER 7, 2023

This certificate invalidates all previous certificates issued.

If a date appears after the name and number of the sire and dam, it indicates the issue of the Stud Book Register in which the sire or dam is published.

For Transfer Instructions, see back of Certificate.

This Certificate issued with the right to correct or revoke by the American Kennel Club.

REGISTRATION CERTIFICATE

Orthopedic Foundation for Animals

Preliminary Hip Dysplasia Evaluation Report

A Not-for-Profit Organization

GT 'S MAGNIFICENT FIRESTONE OF NASHVILLE
registered name

POODLE
breed

film/test/lab #

991003001245040
tattoo/microchip/DNA profile

2469565
application number

07/10/2023
date of report

PR24619303
registration no.

M
sex

09/18/2021
date of birth

20
age at evaluation in months

Owner
A.P. Pups

Veterinarian
SINN VETERINARY SERVICES
55854 703 RD
MAHASKA KS 66955

Preliminary Hip Dysplasia Evaluation Report

_____ **EXCELLENT HIP JOINT CONFORMATION**
superior hip joint conformation as compared with other individuals of the same breed and age

_____ **BORDERLINE HIP JOINT CONFORMATION**
marginal hip joint conformation of indeterminate status with respect to hip dysplasia at this time -- Repeat study in six months

__√__ **GOOD HIP JOINT CONFORMATION**
well formed hip joint conformation as compared with other individuals of the same breed and age

_____ **MILD HIP DYSPLASIA**
radiographic evidence of minor dysplastic changes of the hip joints

_____ **FAIR HIP JOINT CONFORMATION**
minor irregularities of the hip joint conformation as compared with other individuals of the same breed and age

_____ **MODERATE HIP DYSPLASIA**
well defined radiographic evidence of dysplastic changes of the hip joints

_____ **SEVERE HIP DYSPLASIA**
radiographic evidence of marked dysplastic changes of the hip joints

RADIOGRAPHIC FINDINGS

_____ subluxation
_____ remodeling of femoral head/neck
_____ osteoarthritis/degenerative joint disease
_____ shallow acetabula
_____ acetabular rim/edge change

_____ unilateral _____ left _____ right
_____ transitional vertebra
_____ spondylosis
_____ panosteitis

G.G. KELLER, DVM, MS, DACVR
CHIEF OF VETERINARY SERVICES

2300 E Nifong Blvd | Columbia MO 65201 | Phone (573) 442-0418 | Fax (573) 875-5073 | ofa@offa.org | www.ofa.org

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

GT 'S MAGNIFICENT FIRESTONE OF NASHVILLE
registered name

PR24619303
registration no.

POODLE
breed

M
sex

873615
film/test/lab #

09/18/2021
date of birth

991003001245040
tattoo/microchip/DNA profile

20
age at evaluation in months

A Not-For-Profit Organization

2469565
application number

PO-EYE11096/20M-VPI
O.F.A. NUMBER

This number issued with the right to correct or revoke by the Orthopedic Foundation for Animals.

06/29/2023
date of report

RESULTS:

Based upon the exam dated 06/17/2023, this dog has been found to be free of observable inherited eye disease and has been issued an Eye Certification Registry Number which is valid for one year from the time of the exam.

NORMAL

owner A.P. Pups

OFA eCert

Verify QR scan

G.G.KELLER. D.V.M., M.S., DACVR
CHIEF OF VETERINARY SERVICES

www.ofa.org

This electronic OFA certificate was generated on: 06/29/2023

This certification can be verified on the OFA website by entering the dog's registration number into the orange search box located at the top of the page or by scanning the QR code above.

If there are any errors on this certificate, please email CORRECTIONS@OFFA.ORG to request a correction.

Orthopedic Foundation for Animals, Inc.
2300 E. Nifong Blvd.
Columbia, MO 65201-3806

OFA website: www.ofa.org
E-mail address: ofa@offa.org
Phone number: 573-442-0418
Fax number: 573-875-5073

Paw Print Genetics
A division of Genetic Veterinary Sciences, Inc.

Coat Color and Trait Certificate

Call Name:	Dog 5 Firestone	**Laboratory #:**	194301
Registered Name:	-	**Registration #:**	-
Breed:	Miniature Poodle	**Certificate Date:**	Nov. 16, 2022
Sex:	Male		
DOB:	Sept. 2021		

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

Coat Color/Trait Test	Gene	Genotype	Interpretation
A Locus (Agouti)	*ASIP*	a^t/a^t	Tricolor, black and tan
B Locus (Brown)	*TYRP1*	B/B	Black coat, nose and foot pads (does not carry brown)
Chondrodysplasia (CDPA)	*CFA18 FGF4*	cd/cd	No Leg Shortening Associated with CDPA
Cu Locus (Curly Hair)	*KRT71*	Cu^C/Cu^C	Curly coat
D Locus (Dilute)	*MLPH*	D/D	Non-dilute (does not carry dilute)
E Locus - E^m (Melanistic Mask)	*MC1R*	N/N	No melanistic mask
E Locus - e (Apricot/Cream/Red/Yellow, Common Variant Found in Many Breeds)	*MC1R*	e/e	Yellow/red
IC Locus (Improper Coat/Furnishings)	*RSPO2*	F/F	Furnishings
K Locus (Dominant Black)	*CBD103*	k^y/k^y	Agouti expression allowed
M Locus (Merle)	*PMEL*	m/m	Non merle
S Locus (White Spotting, Parti, or Piebald)	*MITF*	s^P/s^P	Nearly solid white, parti, or piebald

Interpretation:

This dog carries two copies of $\mathbf{a^t}$ which results in tan points and can also present as a black and tan or tricolor coat color. However, this dog's coat color is also dependent on the E, K, and B genes. The tan point coat color is only expressed if the dog is also E/E or E/e at the E locus and k^y/k^y at the K locus. This dog will pass on $\mathbf{a^t}$ to 100% of its offspring.

This dog does not carry any copies of the b^a, b^c, b^d or b^s mutations and has a B locus genotype of **B/B**. Thus, this dog typically will have a black coat, nose, and foot pads. However, this dog's coat color is dependent on the genotypes of many other genes. This dog will pass one copy of **B** to 100% of its offspring and cannot produce b/b dogs.

Two genetic mutations are associated with shortened legs in dogs. Both mutations consist of copied sections (duplication) of the canine *FGF4* gene (called an *FGF4*-retrogene) that have been inserted into two aberrant locations in the genome; one in chromosome 12 (*CFA12 FGF4*; associated with CDDY and IVDD risk) and one in chromosome 18 (*CFA18 FGF4;* associated with chondrodysplasia [CDPA], but not associated with IVDD). Appropriate breeding decisions regarding dogs which have inherited the *CFA12 FGF4* mutation (WT/M or M/M)

Paw Print Genetics
A division of Genetic Veterinary Sciences, Inc.

Canine Genetic Health Certificate™

Call Name:	Dog 5 Firestone	**Laboratory #:**	194301
Registered Name:	-	**Registration #:**	-
Breed:	Miniature Poodle	**Certificate Date:**	Nov. 10, 2022
Sex:	Male		
DOB:	Sept. 2021		

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

Disease	Gene	Genotype	Interpretation
Chondrodystrophy with Intervertebral Disc Disease Risk Factor (CDDY with IVDD)	*CFA12 FGF4*	WT/WT	Normal (Clear) - No CDDY or Increased IVDD Risk
Degenerative Myelopathy	*SOD1*	WT/WT	Normal (clear)
GM2 Gangliosidosis (Poodle Type)	*HEXB*	WT/WT	Normal (clear)
Neonatal Encephalopathy with Seizures	*ATF2*	WT/WT	Normal (clear)
Osteochondrodysplasia	*SLC13A1*	WT/WT	Normal (clear)
Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration	*PRCD*	WT/WT	Normal (clear)
Progressive Retinal Atrophy, Rod-Cone Dysplasia 4	*C2orf71*	WT/WT	Normal (clear)
Von Willebrand Disease I	*VWF*	WT/WT	Normal (clear)

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

Blake C Ballif, PhD
Laboratory & Scientific Director

Christina J Ramirez, PhD, DVM, DACVP
Medical Director

Paw Print Genetics® performed the testing on the dog listed on this certificate. See the Laboratory Report for interpretation and recommendations based these findings. The genes/diseases reported here were selected by the client. Normal results do not exclude inherited mutations not tested in these or oth 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 samp provided. These tests were developed and their performance determined by Paw Print Genetics. This laboratory has established and verified the test(s)' accura 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 resu This is not a breed identification test. Because all tests performed are DNA-based, rare genomic variations may interfere with the performance of some te producing false results. If you think these results are in error, please contact the laboratory immediately for further evaluation. In the event of a va 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 investig 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 Pri for indirect, consequential or incidental damages of any kind. Any claim must be asserted within 60 days of the report of the test results. available at Paw Print Genetics.