# Balladeer Labradors

Montpelier, VA | Website: www.balladeerlabradors.com

Pedigree and Clearance Packet for Venus...as of 7/1/2025



Official Packet, including Clearances for "Venus" - Hadleigh Balladeer's A Thousand Tender Hearts: SS49799102 | Page 1 of 7

AMERICAN KENNEL CLUB, FOUNDED 1884 Certified Pedigree CH ENDEAVOR PICCADILLY GOTTA WEAR SHADES JH NA NAJ SR40600101 (06-09) OFA24G OFEL24 BLK AKC DNA V601280 GCHB CH PICCADILLY'S SEEK SHADE DS SR70870303 (02-14) OFA24G OFEL24 CHIC115730 BLK AKC DNA V706017 PRETON ANITA AT WINDFALL SR58676801 (04-12) OFA55G OFEL55 BLK (BRA) AKC DNA V649739 GCHS CH PICCADILLY'S A SHADE DARKER FTN CH FORTUNE'S CURIOUS GEORGE SR29330802 (03-08) OFA24E OFEL24 BLK AKC DNA V501469 SR95048501 (03-18) OFA24G OFEL24 BLK AKC DNA V841100 **ERINHILL'S SECRET RENDEZVOUS AT** BAYSKOR CH VICTORIA'S SECRET AT ERINHILL SR54803401 (04-13) OFA27G OFEL27 BLK SR76126903 (04-16) OFA24G OFEL24 BLK **CH THE SUN ALWAYS SHINES** SS11545503 (03-21) OFA27G OFEL24 YLW CH LOBUFF BOBWHITE AT CHUCKLEBROOK SN91419803 (07-03) OFA24G OFEL24 CHIC17254 YLW AKC DNA V266976 AKC DNA V10018834 NORTHWOODS HEARTBREAKER OF SR65387602 (06-12) OFA25G OFEL25 BLK BANNERS SHEZAN ANGEL NORTHWOOD SR41372102 (03-11) BLK AKC DNA V674194 **CH EAST HILL POPPY** SR92183406 (07-19) OFA24G OFEL24 GCHS CH SUNNYDAZE RUNNING ACROSS THE MILES JH SR60224403 (03-12) OFA25G OFEL25 CHIC82421 YLW AKC DNA V643060 MARSH RIDGE MAD DASH TO EASTHILL HADLEIGH BALLADEER'S A THOUSAND SR79892804 (06-16) OFA24G OFEL24 BLK EASTHILLS SPLASH-N-DASH SR59489202 (09-12) OFA26G OFEL26 BLK **TENDER HEARTS** SS49799102 CH ASTER LIBERTI LABRO HAMBURG SR92948401 (01-17) OFA24G OFEL24 CHLT (RUS) AKC DNA V788349 LABRADOR RETRIEVER FEMALE BLK Microchip: 956000015330070 GCH CH GALLIVANT BLACK RUSSIAN FTN SR95240602 (06-18) OFA27G OFEL27 BLK AKC DNA V10188685 Date Whelped: 11/04/2024 CH GALLIVANT BIGPINES KENYA SR84819301 (01-17) BLK Breeder: TRENT JONES/BRENT HADLEY **GCH CH HADLEIGH GREENSTONE** GCHG CH EPOCH'S MOCCASIN JOE SR68203801 (09-12) OFA24G OFEL24 CHLT AKC DNA V694690 SS06761601 (11-19) OFA26G OFEL26 BLK AKC DNA V10024541 CH HADLEIGH GREENSTONE I'M SO SR87036602 (11-18) OFA30E OFEL30 BLK BLACKWING FANCY THAT AT LOUSCO SR39790103 (11-10) BLK HADLEIGH'S FIND YOUR OWN **DESTINY AT BALLADEER** SS26798403 (04-24) OFA24E OFEL24 BLK **BORADORS MOOSE** SN92885604 (11-06) OFA43G OFEL43 YLW AKC DNA V434722 ELKENS GINGERBREAD MAN SR66548106 (01-13) OFA24G OFEL24 YLW AKC DNA V693823 ELKENS SEEIN' RED AT HADLEIGH SR75502601 (05-17) OFA35F OFEL35 GCH CH HYSPIRE SHAHLI HOTTER THAN BLAZES SR3030101 (10-07) OFA26E OFEL26 CHIC47807 BLX 0340 C DNA V472679 YLW AKC DNA V803915 **CH ELKENS MISS BELLA** SR58200402 (03-13) OFA24F OFEL24 BLK AKC DNA V751564 ELKENS MISS CLEO SR16518901 (07-07) OFA25G OFEL25 YLW **AMERICAN** KENNEL CLUB® The Seal of The American Kennel Club affixed hereto certifies that this pedigree was compiled from official Stud Book records on March 24, 2025.

# **OFA Hips**

Results forthcoming...

This test will be scheduled and performed when she reaches two years of age.

# **OFA Elbows**

Results forthcoming...

This test will be scheduled and performed when she reaches two years of age.

OFA	Card	iac C	Clearance	(Heart)
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TBD

# Paw Print Genetics: Canine Genetic Health Certificate Testing Results



4131 N. 48th St. Lincoln, NE 68504 www.pawprintgenetics.com (509) 483-5950

# **Laboratory Report**

Laboratory #: 481739 Call Name: Venus

Order #: 218729 Registered Name: Hadleigh Balladeer's A Thousand Tender Hearts

Breed: Labrador Retriever

 Ordered:
 Jan. 24, 2025
 Breed:
 Labrador Retric

 Received:
 Feb. 6, 2025
 Sex:
 Female

 Reported:
 Feb. 26, 2025
 DOB:
 Nov. 2024

 Registration #:
 SS49799102

Microchip #: 956000015330070

### Results:

Disease	Gene	Genotype	Interpretation
Centronuclear Myopathy	PTPLA	WT/WT	Normal (Clear)
Congenital Myasthenic Syndrome (Labrador Retriever Type)	COLQ	WT/WT	Normal (Clear)
Exercise-Induced Collapse	DNM1	WT/WT	Normal (Clear)
Hereditary Nasal Parakeratosis (Labrador Retriever Type)	SUV39H2	WT/M	Carrier
Macular Corneal Dystrophy (Labrador Retriever Type)	CHST6	WT/WT	Normal (Clear)
Progressive Retinal Atrophy, Golden Retriever 2	TTC8	WT/WT	Normal (Clear)
Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration	PRCD	WT/WT	Normal (Clear)
Retinal Dysplasia/Oculoskeletal Dysplasia 1	COL9A3	WT/WT	Normal (Clear)
Skeletal Dysplasia 2	COL11A2	WT/WT	Normal (Clear)
Stargardt Disease	ABCA4	WT/WT	Normal (Clear)

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

### Interpretation:

Molecular genetic analysis was performed for 10 specific mutations reported to be associated with disease in dogs. We identified two normal copies of the DNA sequences in nine of the mutations tested. Thus, this dog is not at an increased risk for the diseases associated with these nine mutations. However, we identified one normal copy and one mutant copy of the DNA sequences for *SUV39H2*. Thus, this dog is a carrier of Hereditary Nasal Parakeratosis (Labrador Retriever Type).

### Recommendations:

Hereditary Nasal Parakeratosis (Labrador Retriever Type) is inherited in an autosomal recessive fashion. Based on this, and the fact that this dog showed a mutation in one copy of the SUV39H2 gene, this dog is a carrier of this disease. Although dogs that carry only one copy of this mutation will not be clinically affected, if bred with another carrier, the pairing could produce affected offspring. To avoid producing affected offspring, this dog should be bred with dogs that are normal (WT/WT) for this gene. Dogs related to this dog have an increased risk to be affected by or carry the mutated gene. Additional testing for this mutation is indicated for related dogs.

### Paw Print Genetics: Coat Color and Trait Certificate



## Coat Color and Trait Certificate

Call Name: Venus

Registered Name: Hadleigh Balladeer's A Thousand

Tender Hearts

Breed: Labrador Retriever

Sex: Female DOB: Nov. 2024 Laboratory #: 481739
Registration #: SS49799102
Microchip #: 956000015330070
Certificate Date: Feb. 26, 2025

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

Coat Color/Trait Test	Gene	Genotype	Interpretation
B Locus (Brown)	TYRP1	B/B	Black coat, nose and foot pads (does not carry brown)
D Locus (Dilute)	MLPH	D/D	Non-dilute (does not carry dilute)
E Locus	MC1R	E/e <sup>1</sup>	Black - Carrier (Yellow/Red)
K Locus (Dominant Black)	CBD103	K <sup>B</sup> /K <sup>B</sup>	No agouti expression allowed
L Locus (Long Hair/Fluffy)	FGF5	Sh/Lh <sup>1</sup>	Shorthaired (carries one copy of long hair)

### Interpretation:

This dog does not carry any copies of the b<sup>a</sup>, b<sup>c</sup>, b<sup>d</sup>, b<sup>e</sup>, b<sup>h</sup>, and b<sup>s</sup> 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.

This dog does not carry any copies of the d<sup>1</sup>, d<sup>2</sup>, or d<sup>3</sup> mutations and has a D locus genotype of D/D which does not result in the dilution or lightening of the pigments that produce the dog's coat color. This dog will pass one copy of D to 100% of its offspring and cannot produce d/d dogs.

This dog carries one copy of  $\mathbf{E}$  and one copy of  $\mathbf{e}^1$  which allows for the production of black pigment. However, this dog's coat color is also dependent on the K, A, and B genes. This dog will pass  $\mathbf{E}$  on to 50% of its offspring and  $\mathbf{e}^1$  to 50% of its offspring, which can produce a yellow/red coat (including shades of white, cream, yellow, apricot or red) if inherited with another copy of  $\mathbf{e}^1$ ,  $\mathbf{e}^2$ , or  $\mathbf{e}^3$ .

The K locus genotype for this dog is  $K^B/K^B$  which prevents expression of the agouti gene (A locus) and allows for solid eumelanin (black pigment) production in pigmented areas of the dog. However, this dog's coat color is also dependent on its genotypes at the E and B loci. This dog will pass on  $K^B$  to 100% of its offspring.

This dog carries one copy of the Sh and one copy of the Lh<sup>1</sup> Mutation which results in short hair. This dog will pass one copy of Sh to 50% of its offspring and one copy of Lh<sup>1</sup> to 50% of its offspring. This dog can produce Lh/Lh offspring if bred to a dog that is also a Carrier of an Lh mutation (Sh/Lh or Lh/Lh).

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.

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TBD