AMERICAN KENNEL CLUB · FOUNDED 1884

Certified Pedigree

BRIGHTON DUCK RIVER VINCE

SS45760203
LABRADOR RETRIEVER MALE BLK
Microchip: 956000017591733
Date Whelped: 01/26/2024
Breeder: SALLY KUHN/NANCY WHITE/JULIE STEVENS/REBECCA BUNCE/DARLENE C CRAZE

Sire **GCHS CH SHALIMAR'S THE ANIMATOR**
SR74630802 (03-14) OFA24E OFEL24
CHIC100734 BLK AKC DNA V705818

- **CH NIPNTUCK HYSPIRE UNFORGETTABLE**
  SR30563004 (09-07) OFA26E OFEL26
  CHIC47805 BLK AKC DNA V472682
  - **GCH CH SURE SHOT HYSPIRE IMPRESSIVE**
    SN92836302 (08-04) OFA24G OFEL24
    CHIC47790 BLK AKC DNA V298014
    - **CH WINDFALL'S PIPE MAJOR**
      SN76375905 (04-02) OFA24E OFEL24 BLK AKC DNA V210285
    - **CH JANROD'S TAMMY WHYNOT**
      SN52395206 (07-00) YLW
  - **CH BLACKWATERS NIPNTUCK CHEERLEADER**
    SN86579102 (12-05) OFA26G OFEL26
    CHIC67531 BLK AKC DNA V356283
    - **CH TABATHA'S NIPNTUCK YOU ARE IT**
      SN53578907 (08-00) OFA24E CHIC16048 YLW AKC DNA V145072
    - **BLACKWATERS REMARKABLE**
      SN50196502 (04-00) OFA28G OFEL28 BLK
- **SHALIMAR HYSPIRE BIDING MY TIME**
  SR60000801 (01-13) OFA31G OFEL31 BLK
  - **GCH CH FIGERO DAFOZ HERBU ZADORA JH**
    SR56913401 (10-09) OFA26F OFEL26 YLW (POL) AKC DNA V570100
    - **TRENDLEWOOD FAR AWAY ZADORA**
      PKR VIII-17829
    - **MEGI PSIE LOBBY**
      PKR VIII-17336
  - **HYSPIRE SHAHLI WHEN YOUR HOT YOUR HOT**
    SR30330105 (04-10) OFA31G OFEL31 BLK
    - **GCH CH SURE SHOT HYSPIRE IMPRESSIVE**
      SN92836302 (08-04) OFA24G OFEL24 CHIC47790 BLK AKC DNA V298014
    - **CH HYSPIRE PIPIN' HOT**
      SR84079101 (02-06) OFA25G OFEL25 BLK

Dam **GCHB CH BRIGHTON VERA CGC**
SS34649801 (05-24) OFA24G OFEL24 BLK

- **GCHB CH LAKESIDE MEMOIR OF GALLIVANT CGC TKN**
  SR91432208 (04-17) OFA26G OFEL26 BLK AKC DNA V801321
  - **GALLIVANT BIG PINE OUT OF AFRICA**
    SR84819302 (11-15) BLK AKC DNA V762596
    - **GCH CH PARADOCS BELLWETHER HEATH**
      SR77968402 (10-14) OFA24G OFEL24 BLK AKC DNA V745732
    - **GCH CH BIG PINE FAITH IN AFRICA**
      SR84542901 (01-15) OFA35E OFEL35 BLK
  - **GCH CH MEREDITH HERBU ZADORA**
    SR77092501 (05-16) OFA24G OFEL24 BLK (POL) AKC DNA V775115
    - **KIMLEIGH'S NEW MOON RISING**
      SR53146901 (03-11) OFA24G OFEL24 BLK AKC DNA V660824
    - **YUNTA YARA HERBU ZADORA**
      PKR VIII-20130
- **GCHS CH BRIGHTON BRANCHWATR VICTORIA'S ONE AND ONLY VIVIAN**
  SR94631601 (10-19) OFA24G OFEL24 BLK
  - **GCH CH BRIGHTON'S FAMILY TRADITION**
    SR48833601 (03-10) OFA25G OFEL25 YLW AKC DNA V650603
    - **CH TALIMAR'S TRENDSETTER**
      SR24802603 (03-07) OFA24G OFEL24 CHIC39575 YLW AKC DNA V438419
    - **CH BRIGHTON'S HIFLI**
      SR12024405 (07-08) OFA27G OFEL27 YLW AKC DNA V562525
  - **GCHB CH TULGEYWOOD'S VICTORIA**
    SR69106702 (10-13) OFA24G OFEL24 BLK
    - **GCHS CH DANBRIDGE HENRY J**
      SR46031203 (11-08) OFA24G OFEL24 CHIC59576 BLK AKC DNA V576356
    - **CH BLACK SAND TINY BUBBLES TO TULGYWOOD**
      SR48861402 (11-11) OFA27G OFEL27 BLK AKC DNA V790300

AMERICAN KENNEL CLUB®

Executive Secretary

The Seal of The American Kennel Club affixed hereto certifies that this pedigree was compiled from official Stud Book records on October 23, 2024.

THE AMERICAN KENNEL CLUB

GRAND CHAMPIONSHIP CERTIFICATE

This certifies that

RETRIEVER (LABRADOR)

GCH CH BRIGHTON DUCK RIVER VINCE FTI ~ SS45760203

bred by

SALLY KUHN & NANCY WHITE & JULIE STEVENS & REBECCA BUNCE & DARLENE C CRAZE

owned by

JULIE STEVENS & NANCY WHITE

having completed the requirements on

NOVEMBER 22, 2025

has been officially recorded a

GRAND CHAMPION BRONZE

by The American Kennel Club

AMERICAN KENNEL CLUB®

Sheila H. Goffe

Executive Secretary

THE AMERICAN KENNEL CLUB

FETCH TITLE CERTIFICATE

This certifies that

RETRIEVER (LABRADOR)

CH BRIGHTON DUCK RIVER VINCE FTN ~ SS45760203

bred by

SALLY KUHN & NANCY WHITE & JULIE STEVENS & REBECCA BUNCE & DARLENE C CRAZE

owned by

JULIE STEVENS & SALLY KUHN & NANCY WHITE

having completed the requirements on

APRIL 10, 2025

has been officially recorded a

FETCH INTERMEDIATE

by The American Kennel Club

AMERICAN KENNEL CLUB®

Executive Secretary

Application for Advanced Cardiac Database

Orthopedic Foundation for Animals
2300 E Nifong Blvd, Columbia, MO 65201-3806
Phone: (573) 442-0418; Fax: (573)875-5073
www.ofa.org, A not-for-profit organization

Performed in association with the Orthopedic Foundation for Animals (OFA) and the American College of Veterinary Internal Medicine-Cardiology (ACVIM)

ACVIM
American College of Veterinary Internal Medicine

Registered name: SR: Gilmont Duck River Vince
Call name: Vince
Weight: ☐ kg ☐ lbs ☐ Estimate 85/16
Breed: Labrador
Gender: M
Sire Registration #: SR74630802
Dam Registration #: 553464980I
Registration Number: ☐ AKC ☐ Other: SS457602 03
ID Number (if any): ☐ Tattoo ☐ Microchip: 9560000
Date of Birth: (MMDDYY): 012624
Date of Exam: (MMDDYY): 021525

Owner Name: Julie Stevens
Co-Owner Name: Sally Kuhn & Nancy Wilde
Phone: 239-494-2589
[redacted]
State: FL
Zip/postal code: 34117
E-Mail (use both lines if needed): JuliE@BuckRiver LABS.COM

I hereby certify that the animal examined is the animal described on this application, and understand that the results of this exam will be submitted by the examining cardiologist to the database for statistical gathering purposes. I understand that only passing results will be released to the public unless the initials of a registered owner or authorized agent appear in the authorization box below which permits the OFA to release non-passing results to the public. _____
Signature of owner or authorized agent/representative

I hereby authorize the OFA to release equivocal or abnormal results to the public. (initials) _____

Cardiologist Name: M Lamy
Phone #:
OFA Examiner #: CM 21
E-Mail (use both lines if needed):

Fees and credit card information on back of WHITE sheet.
03/01/2023

160971

EXAMINATION FINDINGS

AUSCULTATION (REQUIRED)

Normal ☒ Abnormal ☐ Arrhythmia ☐
Murmur Grade: I ☐ II ☐ III ☐ IV ☐ V ☐ VI ☐
PMI: Left ☐ Right ☐ Base ☐ Apex ☐
Timing: Systolic ☐ Diastolic ☐ Continuous ☐
Extra Sounds: Click ☐ Gallop ☐ Split S1 ☐ Split S2 ☐

ECHOCARDIOGRAM (REQUIRED)

RV: Normal ☒ Enlarged: Mild ☐ Moderate ☐ Severe ☐ ____mm
RA: Normal ☒ Enlarged: Mild ☐ Moderate ☐ Severe ☐ ____mm
LV: Normal ☒ Enlarged: Mild ☐ Moderate ☐ Severe ☐
LVIDd: 44 mm **LVIDdn:** ____mm (MM ☐ 2D ☒)
LVIDs: 31 mm **LVIDsn:** ____mm (MM ☐ 2D ☒)
LV EDVI (2D): ____ mL/m² **LV ESVI (2D):** ____ mL/m²
SF: 30 % (MM ☐ 2D ☒) **EF (2D volumetric):** 57 %
IVS: IVSd [redacted] mm Normal ☒ Abnormal ☐ (MM ☐ 2D ☒)
PW: PWd 8 mm Normal ☒ Abnormal ☐ (MM ☐ 2D ☒)
LA: Normal ☒ Enlarged: Mild ☐ Moderate ☐ Severe ☐
LAd: 25 mm: SAx ☒ LAx ☐ (MM ☐ 2D ☒) **EPSS:** ____mm
Ao Diameter: 24 mm **LA/Ao:** 1.2 Method: 5LVE

TV: Normal ☒ Abnormal: Mild ☐ Moderate ☐ Severe ☐
TR: None ☒ Trivial ☐ Mild ☐ Moderate ☐ Severe ☐ Vel. ____m/s
MV: Normal ☒ Abnormal: Mild ☐ Moderate ☐ Severe ☐
MR: None ☒ Trivial ☐ Mild ☐ Moderate ☐ Severe ☐ Vel. ____m/s
LVOT: Normal ☒ Abnormal ☐ Ridge ☐ Other ____
LVOT Vel: Normal ☒ Abnormal ☐ ____m/s
AoV: Normal ☒ Abnormal: Mild ☐ Moderate ☐ Severe ☐
AoV Vel: Normal ☒ Abnormal ☐ (Apical ☒ Subcostal ☐) 1.4 m/s
AR: None ☒ Trivial ☐ Mild ☐ Moderate ☐ Severe ☐ ____m/s
RVOT: Normal ☒ Infundibular narrowing ☐ Vmax (if abnormal) ____m/s
RVOT Vel: Normal ☒ Abnormal ☐ ____m/s
PV: Normal ☒ Abnormal ☐ Mild ☐ Moderate ☐ Severe ☐
PV Vel: Normal ☒ Abnormal ☐ (Right ☒ Left apex ☐) 1.3 m/s

Comments _____

Genetic Test Status Test: _____
Negative ☐ Abnormal: Heterozygous ☐ Homozygous ☐

ELECTROCARDIOGRAM ☒ NOT PERFORMED

Date: ☐ normal ☐ abnormal
HR: _____ Method:
Rhythm:

EXAMINATION RESULTS

NORMAL (CHECK ALL THAT APPLY)
☒ No evidence for congenital heart disease
☒ No evidence for adult-onset inherited heart disease **Valid for 1 year**
☐ Holter monitor required within 90 days for final clearance (see back of white form for additional information)

EQUIVOCAL (CHECK ALL THAT APPLY)
☐ Congenital heart disease cannot be definitively diagnosed nor excluded
☐ Adult-onset inherited heart disease cannot be definitively diagnosed nor excluded

ABNORMAL (CHECK ALL THAT APPLY)
☐ Evidence of congenital heart disease
☐ Evidence of adult-onset inherited heart disease
Diagnosis: ☐ ARVC ☐ ASD ☐ DCM ☐ MVD ☐ MMVD ☐ PDA ☐ PS ☐ SAS/AS ☐ TVD ☐ VSD ☐ Other ☐ Arrhythmia
Severity: ☐ Mild ☐ Moderate ☐ Severe

Comments (additional findings which would not result in a final abnormal diagnosis):

☒ I **DID** verify microchip/tattoo on this dog
☐ I **DID NOT** verify microchip/tattoo on this dog
☐ **NO MICROCHIP/TATTOO PRESENT**

Signature 2-15-25 Date

Diplomate ACVIM (American College of Veterinary Internal Medicine – Cardiology), or Diplomate ECVIM (European College of Veterinary Internal Medicine – Cardiology)

WHITE = Owner/OFA Registration copy
PINK = Diplomate copy
YELLOW = Research copy

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Orthopedic Foundation for Animals
2300 E Nifong Blvd, Columbia, MO 65201-3806
Phone: (573) 442-0418; Fax: (573)875-5073
www.ofa.org. A not-for-profit organization

Companion Animal Eye Registry (CAER)

Call name: Vince
Coat Color: Black
Registered Name: Brighton Duck River Vince
Breed: Labrador
Sex: M
ID Number (if any): ☐ Tattoo ☒ Microchip: 956 000 0175 91733
Registration Number: ☐ ARC ☐ Other: 5545760203
Date of Birth (mm/dd/yy): 01 26 24
Date of Exam (mm/dd/yy): 09 21 25

Owner Name: Julie Stevens
Co-Owner Name: Nancy White
Phone: 239-494-2587
[redacted]
State: FL
Zip/postal code: 34117
E-Mail (use both lines if needed): DUCKRIVERLABS@GMAIL.COM

I hereby certify that the animal examined is the animal described on this application, and understand that the results of this exam will be submitted by the examining ophthalmologist to the database for statistical gathering purposes. I understand that only passing results will be released to the public unless the initials of a registered owner or authorized agent appear in the authorization box below which permits the OFA to release non-passing results to the public.

Signature of owner or authorized agent/representative

I hereby authorize the OFA to release the results of the evaluation of the animal described on this application to the public if the results are non-passing (initials) _____

☒	I **DID** verify microchip/tattoo on this dog
☐	I **DID NOT** verify microchip/tattoo on this dog
☐	**NO MICROCHIP/TATTOO PRESENT**

I certify that I have performed this ophthalmic examination using pharmacological mydriasis, ophthalmoscopy, and biomicroscopy.

Signature	ACVO #	Date
	304	9.21.25

Diplomate, American College of Veterinary Ophthalmologists

FEES AND CREDIT CARD INFORMATION ON THE BACK OF THE WHITE (OWNER) COPY

0985711

Ophthalmologist Name: Dr. Caryn Plummer
Ophthalmologist Address: EC 304
University of Florida
City: Dr. William Berkowski EC623
State: Veterinary Eye Institute
Zip/postal code: 352-392-2235
Phone: Gainesville, FL
ACVO #:
Email: 352-618-2020

RIGHT EYE	GLOBE	LEFT EYE
☐	microphthalmos	☐
☐	keratoconjunctivitis sicca	☐
☐	glaucoma	☐
	EYELIDS	
☐	entropion	☐
☐	ectropion	☐
☐	distichiasis	☐
☐	ectopic cilia	☐
☐	imperforate lacrimal punctum	☐
	NICTITANS	
☐	cartilage anomaly/eversion	☐
☐	gland prolapse	☐
☐	plasmoma/atypical pannus	☐
	CORNEA	
☐	dystrophy—epithelial/stromal	☐
☐	dystrophy—endothelial	☐
☐	pannus	☐
☐	pigmentary keratitis/keratopathy	☐
	UVEA	
☐	uveal cyst	☐
☐	iris coloboma	☐
☐	iris hypoplasia	☐
☐	pigmentary uveitis	☐
☐	persistent pupillary membranes	☐

CORNEA: T N / A P — CORNEA: N T / A P

☐ endothelial opacity/no strands ☐ lens pigment foci/no strands ☐ iris sheets ☐ iris to cornea ☐ iris to lens ☐ iris to iris ☐ ruptured ☐ free floating ☐ single ☐ multiple

☐ multiple ☐ single ☐ free floating ☐ ruptured ☐ iris to iris ☐ iris to lens ☐ iris to cornea ☐ iris sheets ☐ lens pigment foci/no strands ☐ endothelial opacity/no strands

CATARACT	LENS						CATARACT
	Incomp.	Incip.	Punc.		Punc.	Incip.	Incomp.
	☐	☐	☐	anterior cortex	☐	☐	☐
	☐	☐	☐	posterior cortex	☐	☐	☐
	☐	☐	☐	equatorial cortex	☐	☐	☐
	☐	☐	☐	anterior sutures	☐	☐	☐
	☐	☐	☐	posterior sutures	☐	☐	☐
	☐	☐	☐	nucleus	☐	☐	☐
	☐	☐	☐	capsular	☐	☐	☐
	☐			generalized/complete			☐
	☐			resorbing/hypermature			☐

☐ ***Significance Unknown/Suspect Not Inherited*** ☐

☐	posterior Y-suture tip opacities	☐
☐	subluxation/luxation	☐
	VITREOUS	
☐	Grades 2-6 ☐ Grade 1 PHPV/PHTVL Grade 1 ☐ Grades 2-6	☐
☐	persistent hyaloid artery	☐
☐	degeneration	☐

☐ ant. chamber ☐ syneresis — ☐ syneresis ☐ ant. chamber

RIGHT EYE	FUNDUS	LEFT EYE
☐	retinal detachment	☐
☐	retinal atrophy—generalized	☐
☐	CMR/CMR-like retinopathy	☐
☐	other presumed inherited retinopathy	☐
☐	retinal dysplasia	☐
☐	choroidal hypoplasia	☐
☐	coloboma	☐
☐	optic nerve coloboma	☐
☐	optic nerve hypoplasia	☐
☐	micropapilla	☐

☐ detached ☐ geographic ☐ folds — ☐ folds ☐ geographic ☐ detached

OTHER CONDITIONS	
☐ Unlisted conditions suspected as **inherited**. Describe in comments	☐
☐ Unlisted conditions suspected as **not inherited**	☐

☒ **NORMAL** ☒

Comments

05/02/23

WHITE = Owner/OFA Registration copy; YELLOW = ACVO Research copy; PINK = ACVO Diplomate copy

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ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

BRIGHTON DUCK RIVER VINCE, CH, FTI

LABRADOR RETRIEVER

breed

film/test/lab #

956000017591733

tattoo/microchip/DNA profile

2636236

date of report

application number

SS45760203

M

sex

01/26/2024

date of birth

24

age at evaluation in months

A Not-For-Profit Organization

LR-284330E24M-P-VPI

O.F.A. NUMBER

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

RESULTS:

02/17/2026

No radiographic evidence of hip dysplasia is present. The consensus evaluation is: EXCELLENT

owner

JULIE STEVENS

NANCY WHITE

[redacted]

OFA eCert

Verify QR scan

G.G. KELLER, DVM, MS, DACVR

CHIEF OF VETERINARY SERVICES

www.ofa.org

This electronic OFA certificate was generated on: 02/17/2026

This certification can be verified on the OFA website by entering the animal'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@OFA.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@ofa.org
Phone number: 573-442-0418
Fax number: 573-875-5073

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

BRIGHTON DUCK RIVER VINCE, CH, FTI

LABRADOR RETRIEVER

breed

film/test/lab #

956000017591733

tattoo/microchip/DNA profile

2636236

date of report
application number

RESULTS:
02/17/2026

SS45760203

M
sex

01/26/2024

date of birth

24
age at evaluation in months

A Not-For-Profit Organization

LR-EL130823M24-P-VPI
O.F.A. NUMBER

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

The elbows are normal. No radiographic evidence of elbow dysplasia is present.

NORMAL

owner
JULIE STEVENS
NANCY WHITE
[redacted]

OFA eCert

Verify QR scan

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

www.ofa.org

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

AKC DNA PROGRAM

powered by NEOGEN Genomics

Customer & Pet Information

Registered Name	Brighton Duck River Vince	Registration #	SS45760203
Breed	Labrador Retriever	Tattoo	-
Sex	Male	Microchip	956000017591733
DOB	Jan 26, 2024	Lab Sample ID	54569754
		AKC Sample ID	40009862
		Report Date	Sep 29, 2025

Explanation of Results

Normal	A 'Normal' result means that your dog does not have the mutation that causes the associated genetic disease.
Carrier	A 'Carrier' result indicates that your dog has inherited one copy of the mutation that has been reported to cause this genetic disease. Your dog may not be clinically affected by this mutation because two copies of the mutation are usually required to cause disease.
Carrier / At-Risk	A 'Carrier / At–Risk' result indicates that your dog inherited one copy of the mutation that has been reported to cause this genetic disease. Based on the mode of genetic inheritance for this particular disease, inheriting one mutant copy of the gene may result in the disease. Dogs with one copy of the mutation may have a milder phenotype as compared to dogs with two copies of this mutation.
At-Risk / Affected	An 'At–Risk / Affected' result indicates that your dog inherited one or two copies of the mutation that has been reported to cause this genetic disease. Based on the mode of genetic inheritance for this particular disease, inheriting one or two mutant copies of the gene may result in the disease.
No Result	'No Result' indicates that we were unable to obtain a genotype for your dog for this specific disease or trait and does not mean that your dog is a carrier or at-risk for this disease. There are a variety of reasons why a specific test may not provide a reportable result. Unique variations in the genetic code of some individuals may exist and cause certain regions of the genome to not perform properly with a specific test. In addition, suboptimal sampling of the dog's cheek cells could also result in poor sample performance due to inadequate cell counts, bacterial and fungal growth, or the presence of other test inhibitors. Dogs with at least 90% of the test results are determined to be acceptable and reportable. If your dog has an unacceptable level of tests with no results, you will be contacted for a new sample to repeat the testing.

Please review our testing terms and disclaimers regarding your results.

WT: wild type (normal) M: mutant Y: Y chromosome (male)

Breed Profile

Disease Name	Genotype	Interpretation
Centronuclear Myopathy	WT/WT	Normal (Clear)
Exercise-Induced Collapse	WT/WT	Normal (Clear)
Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration	WT/WT	Normal (Clear)

WT: wild type (normal) M: mutant Y: Y chromosome (male)

Coat Colors & Traits

Trait Name	Genotype	Interpretation
A Locus (Agouti)	a^t/a^t	Black and tan
A^y Locus (Saddle Tan)	N/N	No saddle tan/creeping tan
B Locus (Brown)	B/b	Black coat, nose and foot pads (carries one copy of brown)
B Locus (Brown) - b^a	0	
B Locus (Brown) - b^c	0	
B Locus (Brown) - b^d	0	
B Locus (Brown) - b^h	0	
B Locus (Brown) - b^s	0	
B Locus (Brown) - b^s	1	
Brachycephaly	BR/BR	Likely medium to long muzzle
Chondrodysplasia (CDPA)	cd/cd	No Leg Shortening Associated with CDPA
Co Locus (Cocoa, French Bulldog Type)	CO/CO	Black coat, nose and foot pads (does not carry cocoa)
Cu Locus (Curly Hair)	Cu/Cu	Straight coat
D Locus (Dilute)	D/D	Non-dilute (does not carry dilute)
D Locus (Dilute) - d^1	0	
D Locus (Dilute) - d^2	0	
D Locus (Dilute) - d^3	0	
E Locus	E^m/E	Melanistic Mask - Carrier (Black)
E Locus - E^m (Melanistic Mask)	1	
E Locus - E^g (Grizzle, Afghan Hound Type)	0	
E Locus - E^h (Sable, Cocker Spaniel Type)	0	
E Locus - e^A (Ancient Red, Spitz and Scent Hound Type)	0	
E Locus - e^1 (Yellow/Red)	0	
E Locus - e^2 (Cream, Australian Cattle Dog Type)	0	

E Locus - e^3 (White, Alaskan and Siberian Husky Type)	0	
H Locus (Harlequin, Great Dane type)	h/h	No harlequin
Hairlessness	Rh/Rh	Coated
Hairlessness (American Hairless Terrier Type) - rh^1	0	
Hairlessness (Scottish Deerhound Type) - rh^2	0	
I Locus (Intensity)	I/I	Normal intensity
IC locus (Improper Coat/Furnishings)	IC/IC	No furnishings, improper coat
K Locus (Dominant Black)	K^a/K^a	No agouti expression allowed
L Locus (Long Hair/Fluffy)	Sh/Sh	Shorthaired (does not carry long hair)
L Locus (Long Hair/Fluffy) - Lh^1	0	
L Locus (Long Hair/Fluffy) - Lh^2	0	
L Locus (Long Hair/Fluffy) - Lh^3	0	
L Locus (Long Hair/Fluffy) - Lh^4	0	
M Locus (Merle)	m/m	Non merle
Polydactyly (Common Variant)	pd/pd	Normal (typical) toes (likely no hind dewclaws)
Polydactyly (Great Pyrenees Type)	pd/pd	Normal (typical) toes (likely no double hind dewclaws)
R Locus (Roan/Ticked)	R^{ti}/r	Ticked (carries non-roan)
R Locus (Roan/Ticked) - R^{ti}	1	
R Locus (Roan/Ticked) - R	0	
S Locus (White Spotting, Parti, or Piebald)	S/S	No white spotting, flash, parti, or piebald
SD Locus (Shedding)	SD/SD	High shedding
Sex Determination - ZFXY	X/Y	Male
Social Behavior	WT/M, WT/M	May demonstrate more social behavior
Social Behavior, Variant 1	1	
Social Behavior, Variant 2	1	
T locus (Natural Bobtail)	t/t	Normal tail

Determinants of coat colors and traits are complex. Many of these variants are known and many of the genes screened by AKC DNA Interact. In addition, not all the genetic factors that contribute to a dog's coat color and traits are known. Because of the complexities in gene-gene interactions, the coat colors and traits reported in your AKC DNA results may vary from your dog's actual appearance. Individual differences in genes throughout the canine genome, not tested in this genetic screen, may also affect the final coat color or traits seen in your dog.

WT: (wild type (normal)) M: (mutant) Y: (Y chromosome (male))

Diseases

Disease Name	Genotype	Interpretation
Acral Mutilation Syndrome	WT/WT	Normal (Clear)
Acute Respiratory Distress Syndrome	WT/WT	Normal (Clear)
Adult Paroxysmal Dyskinesia	WT/WT	Normal (Clear)
Afibrinogenemia (Dachshund Type)	WT/WT	Normal (Clear)
Alaskan Husky Encephalopathy	WT/WT	Normal (Clear)
Alaskan Malamute Polyneuropathy	WT/WT	Normal (Clear)
Amelogenesis Imperfecta (Italian Greyhound Type)	WT/WT	Normal (Clear)
Amelogenesis Imperfecta (Parson Russell Terrier Type)	WT/WT	Normal (Clear)
Ataxia (Norwegian Buhund Type)	WT/WT	Normal (Clear)
Benign Familial Juvenile Epilepsy	WT/WT	Normal (Clear)
Bernard-Soulier Syndrome	WT/WT	Normal (Clear)
Canine Multiple System Degeneration (Chinese Crested type)	WT/WT	Normal (Clear)
Canine Multiple System Degeneration (Kerry Blue Terrier type)	WT/WT	Normal (Clear)
Canine Scott Syndrome	WT/WT	Normal (Clear)
Cardiomyopathy and Juvenile Mortality	WT/WT	Normal (Clear)
Catalase Deficiency	WT/WT	Normal (Clear)
Centronuclear Myopathy	WT/WT	Normal (Clear)
Cerebellar Ataxia (Finnish Hound Type)	WT/WT	Normal (Clear)
Cerebellar Ataxia 1 (Belgian Shepherd Type)	WT/WT	Normal (Clear)
Cerebellar Ataxia 2 (Belgian Shepherd Type)	WT/WT	Normal (Clear)
Cerebellar Cortical Degeneration	WT/WT	Normal (Clear)
Cerebellar Degeneration	WT/WT	Normal (Clear)
Charcot-Marie-Tooth Disease	WT/WT	Normal (Clear)
Chondrodysplasia (Karelian Bear Dog and Norwegian Elkhound type)	WT/WT	Normal (Clear)
Chondrodystrophy with Intervertebral Disc Disease Risk Factor (CDDY with IVDD)	WT/WT	Normal (Clear) - No CDDY or Increased IVDD Risk
Cleft Palate and Syndactyly (Nova Scotia Duck Tolling Retriever Type)	WT/WT	Normal (Clear)
Coagulation Factor VII Deficiency	WT/WT	Normal (Clear)
Collie Eye Anomaly	WT/WT	Normal (Clear)

Complement 3 Deficiency	WT/WT	Normal (Clear)
Cone Degeneration	WT/WT	Normal (Clear)
Cone Degeneration (German Shepherd Dog Type)	WT/WT	Normal (Clear)
Cone Degeneration (German Shorthaired Pointer Type)	WT/WT	Normal (Clear)
Cone Degeneration (Labrador Retriever Type)	WT/WT	Normal (Clear)
Congenital Hypothyroidism with Goiter (Terrier Type)	WT/WT	Normal (Clear)
Congenital Macrothrombocytopenia (Cairn and Norfolk Terrier Type)	WT/WT	Normal (Clear)
Congenital Methemoglobinemia	WT/WT	Normal (Clear)
Congenital Myasthenic Syndrome (Golden Retriever Type)	WT/WT	Normal (Clear)
Congenital Myasthenic Syndrome (Jack Russell Terrier Type)	WT/WT	Normal (Clear)
Congenital Myasthenic Syndrome (Labrador Retriever Type)	WT/WT	Normal (Clear)
Congenital Myasthenic Syndrome (Old Danish Pointer Type)	WT/WT	Normal (Clear)
Congenital Stationary Night Blindness	WT/WT	Normal (Clear)
Copper Storage Disease	WT/WT	Normal (Clear)
Craniomandibular Osteopathy	WT/WT	Normal (Clear)
Cyclic Neutropenia	WT/WT	Normal (Clear)
Cystinuria (Australian Cattle Dog Type)	WT/WT	Normal (Clear)
Cystinuria (Labrador Retriever Type)	WT/WT	Normal (Clear)
Cystinuria (Miniature Pinscher Type)	WT/WT	Normal (Clear)
Cystinuria (Newfoundland Type)	WT/WT	Normal (Clear)
Cystinuria Type 3 (Bulldog Type Risk Factor, Variant 3)	WT/WT	Normal (Clear)
Cystinuria Type 3 (Bulldog Type Risk Factor, Variants 1 and 2)	WT/WT	Normal (Clear)
Cystinuria Type 3 (Bulldog Type Risk Factor, Variants 1)	0	
Cystinuria Type 3 (Bulldog Type Risk Factor, Variants 2)	0	
Dandy-Walker-Like Malformation	WT/WT	Normal (Clear)
Darier Disease and Associated Infundibular Cyst Formation	WT/WT	Normal (Clear)
Deafness and Vestibular Dysfunction (Doberman Pinscher Type), Variant 2	WT/WT	Normal (Clear)
Degenerative Myelopathy (Bernese Mountain Dog Variant)	WT/WT	Normal (Clear)
Degenerative Myelopathy (Common Variant)	WT/WT	Normal (Clear)
Degenerative Myelopathy Early-Onset Risk Modifier (Pembroke Welsh Corgi Type)	WT/WT	Normal (Clear)

Dental Hypomineralization	WT/WT	Normal (Clear)
Diffuse Cystic Renal Dysplasia and Hepatic Fibrosis	WT/WT	Normal (Clear)
Dilated Cardiomyopathy (Doberman Pinscher Type Risk Factor, Variant 1)	WT/WT	Normal (Clear)
Dilated Cardiomyopathy (Doberman Pinscher Type Risk Factor, Variant 2)	WT/WT	Normal (Clear)
Dilated Cardiomyopathy (Schnauzer Type)	WT/WT	Normal (Clear)
Dry Eye Curly Coat Syndrome	WT/WT	Normal (Clear)
Dystrophic Epidermolysis Bullosa (Golden Retriever Type)	WT/WT	Normal (Clear)
Early Onset Adult Deafness (Rhodesian Ridgeback Type)	WT/WT	Normal (Clear)
Early Retinal Degeneration	WT/WT	Normal (Clear)
Early-Onset Epilepsy (Parson Russell Terrier Type)	WT/WT	Normal (Clear)
Ectodermal Dysplasia (Chesapeake Bay Retriever Type)	WT/WT	Normal (Clear)
Ectodermal Dysplasia, X-Linked (Dachshund Type)	WT/Y	X-Linked Male Normal
Ectodermal Dysplasia, X-Linked (Shepherd Type)	WT/Y	X-Linked Male Normal
Ehlers-Danlos Syndrome (Doberman Pinscher Type)	WT/WT	Normal (Clear)
Ehlers-Danlos Syndrome (Labrador Retriever Type), Variant 1	WT/WT	Normal (Clear)
Ehlers-Danlos Syndrome (Labrador Retriever Type), Variant 2	WT/WT	Normal (Clear)
Ehlers-Danlos Syndrome (Poodle Type, Variants 1 and 2)	WT/WT	Normal (Clear)
Ehlers-Danlos Syndrome (Poodle Type), Variant 1	0	
Ehlers-Danlos Syndrome (Poodle Type), Variant 2	0	
Elliptocytosis	WT/WT	Normal (Clear)
Epidermolytic Hyperkeratosis	WT/WT	Normal (Clear)
Episodic Falling Syndrome	WT/WT	Normal (Clear)
Exercise-Induced Collapse	WT/WT	Normal (Clear)
Exfoliative Cutaneous Lupus Erythematosus (ECLE)	WT/WT	Normal (Clear)
Factor XI Deficiency	WT/WT	Normal (Clear)
Familial Nephropathy (Cocker Spaniel Type)	WT/WT	Normal (Clear)
Familial Nephropathy (English Springer Spaniel Type)	WT/WT	Normal (Clear)
Fucosidosis	WT/WT	Normal (Clear)
Gallbladder Mucoceles	WT/WT	Normal (Clear)
Glanzmann's Thrombasthenia (Great Pyrenees Type)	WT/WT	Normal (Clear)

Glanzmann's Thrombasthenia (Otterhound Type)	WT/WT	Normal (Clear)
Glaucoma (Border Collie Type)	WT/WT	Normal (Clear)
Globoid Cell Leukodystrophy (Irish Setter type)	WT/WT	Normal (Clear)
Globoid Cell Leukodystrophy (Terrier type)	WT/WT	Normal (Clear)
Glycogen Storage Disease Ia	WT/WT	Normal (Clear)
Glycogen Storage Disease IIIa	WT/WT	Normal (Clear)
Glycogen Storage Disease VII (Wachtelhund type)	WT/WT	Normal (Clear)
Glycogen Storage Disease VII, PFK Deficiency	WT/WT	Normal (Clear)
GM1 Gangliosidosis (Alaskan Husky Type)	WT/WT	Normal (Clear)
GM1 Gangliosidosis (Portuguese Water Dog Type)	WT/WT	Normal (Clear)
GM1 Gangliosidosis (Shiba Inu type)	WT/WT	Normal (Clear)
GM2 Gangliosidosis (Japanese Chin type)	WT/WT	Normal (Clear)
GM2 Gangliosidosis (Poodle Type)	WT/WT	Normal (Clear)
GM2 Gangliosidosis (Shiba Inu Type)	WT/WT	Normal (Clear)
Greyhound Polyneuropathy	WT/WT	Normal (Clear)
Hemophilia A (Boxer Type)	WT/Y	X-Linked Male Normal
Hemophilia A (German Shepherd Dog, Type 1)	WT/Y	X-Linked Male Normal
Hemophilia A (German Shepherd Dog, Type 2)	WT/Y	X-Linked Male Normal
Hemophilia A (Rhodesian Ridgeback Type)	WT/Y	X-Linked Male Normal
Hemophilia B (Cairn Terrier Type)	WT/Y	X-Linked Male Normal
Hemophilia B (Lhasa Apso type)	WT/Y	X-Linked Male Normal
Hemophilia B (Rhodesian Ridgeback Type)	WT/Y	X-Linked Male Normal
Hereditary Ataxia (Australian Shepherd Type)	WT/WT	Normal (Clear)
Hereditary Cataracts	WT/WT	Normal (Clear)
Hereditary Cataracts (Australian Shepherd Type)	WT/WT	Normal (Clear)
Hereditary Cataracts (Wirehaired Pointing Griffon Type)	WT/WT	Normal (Clear)
Hereditary Footpad Hyperkeratosis (Irish Terrier and Kromfohrlander Type)	WT/WT	Normal (Clear)
Hereditary Footpad Hyperkeratosis (Rottweiler Type)	WT/WT	Normal (Clear)
Hereditary Nasal Parakeratosis (Greyhound Type)	WT/WT	Normal (Clear)
Hereditary Nasal Parakeratosis (Labrador Retriever Type)	WT/WT	Normal (Clear)

Hereditary Nephritis (Samoyed type)	WT/Y	X-Linked Male Normal
Hyperuricosuria	WT/WT	Normal (Clear)
Hypomyelination (Weimaraner Type)	WT/WT	Normal (Clear)
Ichthyosis (American Bulldog Type)	WT/WT	Normal (Clear)
Ichthyosis (Golden Retriever Type 1)	WT/WT	Normal (Clear)
Ichthyosis (Golden Retriever Type 2)	WT/WT	Normal (Clear)
Ichthyosis (Great Dane Type)	WT/WT	Normal (Clear)
Ichthyosis (Jack Russell Terrier Type)	WT/WT	Normal (Clear)
Inflammatory Myopathy (Shepherd Type)	WT/WT	Normal (Clear)
Inherited Myopathy of Great Danes	WT/WT	Normal (Clear)
Intestinal Cobalamin Malabsorption (Beagle Type)	WT/WT	Normal (Clear)
Intestinal Cobalamin Malabsorption (Border Collie Type)	WT/WT	Normal (Clear)
Junctional Epidermolysis Bullosa (Australian Shepherd Type)	WT/WT	Normal (Clear)
Juvenile Laryngeal Paralysis and Polyneuropathy (Black Russian Terrier Type)	WT/WT	Normal (Clear)
Juvenile Myoclonic Epilepsy (Rhodesian Ridgeback Type)	WT/WT	Normal (Clear)
L-2-Hydroxyglutaric Aciduria (Staffordshire Bull Terrier type)	WT/WT	Normal (Clear)
L-2-Hydroxyglutaric Aciduria (Yorkshire Terrier Type)	WT/WT	Normal (Clear)
Lagotto Storage Disorder	WT/WT	Normal (Clear)
Laryngeal Paralysis and Polyneuropathy (Leonberger Type 3)	WT/WT	Normal (Clear)
Late Onset Ataxia	WT/WT	Normal (Clear)
Lethal Acrodermatitis	WT/WT	Normal (Clear)
Leukocyte Adhesion Deficiency, Type I	WT/WT	Normal (Clear)
Leukocyte Adhesion Deficiency, Type III	WT/WT	Normal (Clear)
Ligneous Membranitis	WT/WT	Normal (Clear)
Limb-Girdle Muscular Dystrophy (Dachshund Type)	WT/WT	Normal (Clear)
Lundehund Syndrome	WT/WT	Normal (Clear)
Macular Corneal Dystrophy (Labrador Retriever Type)	WT/WT	Normal (Clear)
Mammary Tumors (English Springer Spaniel Type Risk Factor)	WT/M	May be at risk for mammary cancer
May-Hegglin Anomaly	WT/WT	Normal (Clear)

Microphthalmia (Soft Coated Wheaten Terrier Type)	WT/WT	Normal (Clear)
Mucopolysaccharidosis I (Plott Hound Type)	WT/WT	Normal (Clear)
Mucopolysaccharidosis IIIA (Dachshund Type)	WT/WT	Normal (Clear)
Mucopolysaccharidosis IIIA (New Zealand Huntaway type)	WT/WT	Normal (Clear)
Mucopolysaccharidosis IIIB (Schipperke Type)	WT/WT	Normal (Clear)
Mucopolysaccharidosis VI (Miniature Schnauzer Type)	WT/WT	Normal (Clear)
Mucopolysaccharidosis VII (Brazilian Terrier Type)	WT/WT	Normal (Clear)
Mucopolysaccharidosis VII (Shepherd Type)	WT/WT	Normal (Clear)
Multidrug Resistance 1	WT/WT	Normal (Clear)
Multifocal Retinopathy 1	WT/WT	Normal (Clear)
Multifocal Retinopathy 2	WT/WT	Normal (Clear)
Multifocal Retinopathy 3	WT/WT	Normal (Clear)
Muscular Dystrophy (Golden Retriever Type)	WT/Y	X-Linked Male Normal
Musladin-Lueke Syndrome	WT/WT	Normal (Clear)
Myostatin Deficiency (Whippet Type)	WT/WT	Normal (Clear)
Myotonia Congenita (Australian Cattle Dog type)	WT/WT	Normal (Clear)
Myotonia Congenita (Labrador Retriever Type)	WT/WT	Normal (Clear)
Myotonia Congenita (Schnauzer Type)	WT/WT	Normal (Clear)
Myotubular Myopathy 1 (Boykin Spaniel Type)	WT/Y	X-Linked Male Normal
Myotubular Myopathy 1 (Labrador Retriever Type)	WT/Y	X-Linked Male Normal
Myotubular Myopathy 1 (Rottweiler Type)	WT/Y	X-Linked Male Normal
Narcolepsy (Dachshund Type)	WT/WT	Normal (Clear)
Narcolepsy (Doberman Pinscher Type)	WT/WT	Normal (Clear)
Narcolepsy (Labrador Retriever Type)	WT/WT	Normal (Clear)
Neonatal Ataxia	WT/WT	Normal (Clear)
Neonatal Cerebellar Cortical Degeneration	WT/WT	Normal (Clear)
Neonatal Encephalopathy with Seizures	WT/WT	Normal (Clear)
Neuroaxonal Dystrophy (Giant Schnauzer Type)	WT/WT	Normal (Clear)
Neuroaxonal Dystrophy (Papillon Type)	WT/WT	Normal (Clear)
Neuroaxonal Dystrophy (Rottweiler Type)	WT/WT	Normal (Clear)

Neuroaxonal Dystrophy (Spanish Water Dog Type)	WT/WT	Normal (Clear)
Neuronal Ceroid Lipofuscinosis (Tibetan Terrier Type)	WT/WT	Normal (Clear)
Neuronal ceroid lipofuscinosis 1	WT/WT	Normal (Clear)
Neuronal Ceroid Lipofuscinosis 1 (Cane Corso Type)	WT/WT	Normal (Clear)
Neuronal ceroid Lipofuscinosis 10	WT/WT	Normal (Clear)
Neuronal Ceroid Lipofuscinosis 12	WT/WT	Normal (Clear)
Neuronal ceroid Lipofuscinosis 2	WT/WT	Normal (Clear)
Neuronal ceroid Lipofuscinosis 4A	WT/WT	Normal (Clear)
Neuronal Ceroid Lipofuscinosis 5 (Golden Retriever Type)	WT/WT	Normal (Clear)
Neuronal Ceroid Lipofuscinosis 5 (Herding Dog Type)	WT/WT	Normal (Clear)
Neuronal ceroid Lipofuscinosis 6	WT/WT	Normal (Clear)
Neuronal Ceroid Lipofuscinosis 7	WT/WT	Normal (Clear)
Neuronal ceroid Lipofuscinosis 8 (Australian Shepherd type)	WT/WT	Normal (Clear)
Neuronal ceroid Lipofuscinosis 8 (Setter type)	WT/WT	Normal (Clear)
Nonsyndromic Hearing Loss (Rottweiler Type)	WT/WT	Normal (Clear)
Oculocutaneous Albinism (Small Breed Type)	WT/WT	Normal (Clear)
Osteochondrodysplasia	WT/WT	Normal (Clear)
Osteogenesis Imperfecta (Beagle Type)	WT/WT	Normal (Clear)
Osteogenesis Imperfecta (Dachshund Type)	WT/WT	Normal (Clear)
Osteogenesis Imperfecta (Golden Retriever Type)	WT/WT	Normal (Clear)
P2RY12 Receptor Platelet Disorder	WT/WT	Normal (Clear)
Pancreatitis (Miniature Schnauzer Type Risk Factor)	WT/WT	Normal (Clear)
Pancreatitis (Miniature Schnauzer Type Risk Factor), Variant 1	0	
Pancreatitis (Miniature Schnauzer Type Risk Factor), Variant 2	0	
Pancreatitis (Miniature Schnauzer Type Risk Factor), Variant 3	0	
Pembroke Welsh Corgi Duchenne Muscular Dystrophy	WT/Y	X-Linked Male Normal
Persistent Mullerian Duct Syndrome	WT/WT	Normal (Clear)
Pituitary Dwarfism (Shepherd Type)	WT/WT	Normal (Clear)
Polyneuropathy (Leonberger Type 1)	WT/WT	Normal (Clear)
Polyneuropathy (Leonberger Type 2)	WT/WT	Normal (Clear)
Polyneuropathy with Ocular Abnormalities and Neuronal Vacuolation	WT/WT	Normal (Clear)

Pompe Disease	WT/WT	Normal (Clear)
Prekallikrein Deficiency	WT/WT	Normal (Clear)
Primary Ciliary Dyskinesia (Alaskan Malamute Type)	WT/WT	Normal (Clear)
Primary Ciliary Dyskinesia (Old English Sheepdog Type)	WT/WT	Normal (Clear)
Primary Hyperoxaluria	WT/WT	Normal (Clear)
Primary Lens Luxation	WT/WT	Normal (Clear)
Primary Open Angle Glaucoma	WT/WT	Normal (Clear)
Primary Open Angle Glaucoma (Basset Fauve de Bretagne Type)	WT/WT	Normal (Clear)
Primary Open Angle Glaucoma (Norwegian Elkhound Type)	WT/WT	Normal (Clear)
Primary Open Angle Glaucoma and Primary Lens Luxation (Shar Pei Type)	WT/WT	Normal (Clear)
Progressive Retinal Atrophy (Basenji Type)	WT/WT	Normal (Clear)
Progressive retinal Atrophy (Bullmastiff/Mastiff Type)	WT/WT	Normal (Clear)
Progressive Retinal Atrophy (Giant Schnauzer Type)	WT/WT	Normal (Clear)
Progressive Retinal Atrophy (Irish Setter Type)	WT/WT	Normal (Clear)
Progressive Retinal Atrophy (Shetland Sheepdog Type)	WT/WT	Normal (Clear)
Progressive Retinal Atrophy (Sloughi Type)	WT/WT	Normal (Clear)
Progressive Retinal Atrophy, Cone-Rod Dystrophy 1 (American Staffordshire Terrier Type)	WT/WT	Normal (Clear)
Progressive Retinal Atrophy, Cone-Rod Dystrophy 2 (American Staffordshire Terrier Type)	WT/WT	Normal (Clear)
Progressive Retinal Atrophy, Cone-Rod Dystrophy 4	WT/WT	Normal (Clear)
Progressive Retinal Atrophy, Early Onset (Spanish Water Dog Type)	WT/WT	Normal (Clear)
Progressive Retinal Atrophy, Early-Onset (Portuguese Water Dog Type)	WT/WT	Normal (Clear)
Progressive Retinal Atrophy, Generalized (Schapendoes Type)	WT/WT	Normal (Clear)
Progressive retinal Atrophy, Golden Retriever 1	WT/WT	Normal (Clear)
Progressive retinal Atrophy, Golden Retriever 2	WT/WT	Normal (Clear)
Progressive Retinal Atrophy, Late-Onset (Lapponian Herder Type)	WT/WT	Normal (Clear)
Progressive retinal Atrophy, PRA1 (Papillon Type)	WT/WT	Normal (Clear)
Progressive Retinal Atrophy, PRA3 (Tibetan Terrier and Spaniel Type)	WT/WT	Normal (Clear)
Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration	WT/WT	Normal (Clear)
Progressive Retinal Atrophy, Rod-Cone Dysplasia 3	WT/WT	Normal (Clear)

Progressive Retinal Atrophy, Rod-Cone Dysplasia 4	WT/WT	Normal (Clear)
Progressive Retinal Atrophy, Syndromic Retinal Degeneration (Shetland Sheepdog Type)	WT/WT	Normal (Clear)
Progressive Retinal Atrophy, X-Linked 1 (Husky Type)	WT/Y	X-Linked Male Normal
Progressive Retinal Atrophy, X-linked 2	WT/Y	X-Linked Male Normal
Protein Losing Nephropathy	WT/WT, WT/WT	Normal (Clear) - No Increased Risk
Protein Losing Nephropathy (Variant 1)	0	
Protein Losing Nephropathy (Variant 2)	0	
Pyruvate Dehydrogenase Deficiency	WT/WT	Normal (Clear)
Pyruvate Kinase Deficiency (Basenji type)	WT/WT	Normal (Clear)
Pyruvate Kinase Deficiency (Beagle type)	WT/WT	Normal (Clear)
Pyruvate Kinase Deficiency (Labrador Retriever type)	WT/WT	Normal (Clear)
Pyruvate Kinase Deficiency (Pug type)	WT/WT	Normal (Clear)
Pyruvate Kinase Deficiency (Terrier type)	WT/WT	Normal (Clear)
Recurrent Inflammatory Pulmonary Disease	WT/WT	Normal (Clear)
Renal Cystadenocarcinoma and Nodular Dermatofibrosis	WT/WT	Normal (Clear)
Retinal Dysplasia/Oculoskeletal Dysplasia 1	WT/WT	Normal (Clear)
Retinal Dysplasia/Oculoskeletal Dysplasia 2	WT/WT	Normal (Clear)
Sensory Neuropathy (Border Collie Type)	WT/WT	Normal (Clear)
Severe Combined Immunodeficiency Disease (Terrier Type)	WT/WT	Normal (Clear)
Severe Combined Immunodeficiency Disease (Wetterhoun Type)	WT/WT	Normal (Clear)
Severe Combined Immunodeficiency Disease, X-Linked (Basset Hound Type)	WT/Y	X-Linked Male Normal
Severe Combined Immunodeficiency Disease, X-Linked (Corgi type)	WT/Y	X-Linked Male Normal
Shar-Pei Autoinflammatory Disease	WT/WT	Normal (Clear)
Skeletal Dysplasia 2	WT/WT	Normal (Clear)
Spinal Dysraphism	WT/WT	Normal (Clear)
Spinocerebellar Ataxia (Alpine Dachsbrake Type)	WT/WT	Normal (Clear)
Spinocerebellar Ataxia (Terrier Type)	WT/WT	Normal (Clear)
Spondylocostal Dysostosis	WT/WT	Normal (Clear)
Stargardt Disease	WT/WT	Normal (Clear)
Subacute Necrotizing Encephalopathy (Yorkshire Terrier Type)	WT/WT	Normal (Clear)

Thrombopathia (American Eskimo Dog Type)	WT/WT	Normal (Clear)
Thrombopathia (Basset Hound Type)	WT/WT	Normal (Clear)
Thrombopathia (Newfoundland Type)	WT/WT	Normal (Clear)
Trapped Neutrophil Syndrome	WT/WT	Normal (Clear)
Ullrich Congenital Muscular Dystrophy (Labrador Retriever Type 1)	WT/WT	Normal (Clear)
Ullrich Congenital Muscular Dystrophy (Labrador Retriever Type 2)	WT/WT	Normal (Clear)
Urolithiasis (Native American Indian Dog Type)	WT/WT	Normal (Clear)
Van Den Ende-Gupta Syndrome	WT/WT	Normal (Clear)
Von Willebrand Disease I	WT/WT	Normal (Clear)
Von Willebrand Disease II	WT/WT	Normal (Clear)
Von Willebrand Disease III (Kooikerhondje Type)	WT/WT	Normal (Clear)
Von Willebrand Disease III (Scottish Terrier Type)	WT/WT	Normal (Clear)
Von Willebrand Disease III (Shetland Sheepdog Type)	WT/WT	Normal (Clear)