BOSS GCHB Brighton Duck River Vince FTI

Vince
- GCHS SHALIMAR'STHEANIMATOR
  - CH NIPNTUCK HYSPIRE UNFORGETTABLE
  - SHALIMAR HYSPIRE BIDING MY TIME
- GCHS BRIGHTONVERA
  - GCHB LAKESIDE MEMOIR OF GALLIVANT CGC TKN
  - GCHS BRIGHTON BRANCHWATR VICTORIA'S ONE & ONLY VIVIAN

Wh. 1/26/24
Hips Prelim @ 16 mos. - Excellent
Elbows Prelim @ 16 mos. - Normal
Eyes - Clear
Heart Echo - Clear
Carries Chocolate
Clear of EIC, PRCD, Stargardt, CNM, PRCD,
Long Coat, HNPK, CT, DM, and Dilute

Owned By: Julie Stevens, Nancy White
For Stud Service: Contact Julie at 239-494-2589

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**
SN79375905 (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 CHIC15046 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**
SR94079101 (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**
SR53148901 (03-11) OFA24G OFEL24 BLK AKC DNA V660624
    - **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 V650803
    - **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**
SR40321203 (11-08) OFA24G OFEL24 CHIC59576 BLK AKC DNA V576356
    - **CH BLACK SAND TINY BUBBLES TO TULGYWOOD**
SR48867402 (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)

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

JULY 13, 2025

has been officially recorded a

GRAND CHAMPION

by The American Kennel Club

AMERICAN KENNEL CLUB®

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

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

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

ACVIM
American College of Veterinary Internal Medicine

Registered name: Brighton Duck River Vince
Call name: Vince
Weight: ☐ kg ☐ lbs ☐ Estimate 85 lbs
Breed: Labrador
Gender: M
Sire Registration #: SR74630802
Dam Registration #: SS34649801
Registration Number: ☐ AKC ☐ Other 5S457602 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 Kirkland & Nancy White
Phone: 239-494-2589
Owner Address: 110 21st St SW
City: Naples
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 [illegible] 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: SWE
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: [signature] Date: 2-15-25

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

© Orthopedic Foundation for Animals

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: 956000017591733
Registration Number: ☐ AKC ☐ Other: 5545760203
Date of Birth (mm/dd/yy): 012624
Date of Exam (mm/dd/yy): 092125

Owner Name: Julie Stevens
Co-Owner Name: Nancy White
Phone: 239-494-2587
Owner Address: 1102 135 St. S.W.
City: Naples
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) _____

- [x] 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
City: University of Florida
State: 352-392-2235
Zip/postal code:
Phone:
ACVO #:
Email:

~~Dr. William Berkowski, EC628~~
~~Veterinary Eye Institute~~
~~Gainesville, FL~~
~~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) — 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

	LENS	
	LENS	
☐	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	☐

CATARACT (T, N, A, P) — incomp; lacts; zonc

	VITREOUS	
	VITREOUS	
☐ Grade 1/4 ☐ Grade 2/4	PHPV/PHTVL Grade 3/4 ☐ Grade 4/4	☐
☐	persistent hyaloid artery	☐
☐	degeneration	☐

degeneration: ant. chamber; synaresis

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	☐

retinal dysplasia: detached; geographic; folds

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

Preliminary Hip Dysplasia Evaluation Report

A Not-for-Profit Organization

BRIGHTON DUCK RIVER VINCE, CH, FTI
registered name

LABRADOR RETRIEVER
breed

film/test/lab #

956000017591733
tattoo/microchip/DNA profile

2636236
application number

06/25/2025
date of report

SS45760203
registration no.

M
sex

01/26/2024
date of birth

16
age at evaluation in months

Owner
JULIE STEVENS
110 21ST ST SW
NAPLES FL 34117

Veterinarian
BLUE RIDGE VETERINARY IMAGING
26394 BLISS STREET
BROOKSVILLE FL 34602

Preliminary Hip Dysplasia Evaluation Report

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

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

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

_____ **FAIR HIP JOINT CONFORMATION**
minor irregularities of the 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

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

_____ **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

GG Keller DVM
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@ofa.org | www.ofa.org

Orthopedic Foundation for Animals

Preliminary Elbow Dysplasia Evaluation Report

A Not-for-Profit Organization

BRIGHTON DUCK RIVER VINCE, CH, FTI
registered name

LABRADOR RETRIEVER
breed

film/test/lab #

956000017591733
tattoo/microchip/DNA profile

2636236
application number

06/25/2025
date of report

SS45760203
registration no.

M
sex

01/26/2024
date of birth

16
age at evaluation in months

Owner
JULIE STEVENS
110 21ST ST SW
NAPLES FL 34117

Veterinarian
BLUE RIDGE VETERINARY IMAGING
26394 BLISS STREET
BROOKSVILLE FL 34602

Preliminary Elbow Dysplasia Evaluation Report

√ negative for elbow dysplasia	L √	R √

ELBOW DYSPLASIA

GRADE I	L ____	R ____
GRADE II	L ____	R ____
GRADE III	L ____	R ____

RADIOGRAPHIC FINDINGS

degenerative joint disease (DJD)	L ____	R ____
ununited anconeal process (UAP)	L ____	R ____
fragmented coronoid process (FCP)	L ____	R ____
osteochondrosis	L ____	R ____

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@ofa.org | www.ofa.org

AKC DNA PROGRAM powered by NEOGEN Genomics

Customer & Pet Information

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

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

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	
	WT/WT	
Dandy-Walker-Like Malformation	WT/WT	Normal (Clear)
Darier Disease and Associated Infundibular Cyst Formation		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 Diffuse Cystic Renal Dysplasia and Hepatic	WT/WT	Normal (Clear)
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) Dry Eye Curly Coat Syndrome	WT/WT	Normal (Clear) Normal
Dystrophic Epidermolysis Bullosa (Golden Retriever Type) Early Onset	WT/WT	(Clear) Normal (Clear)
Adult Deafness (Rhodesian Ridgeback Type) Early Retinal Degeneration	WT/WT	Normal (Clear) Normal
Early-Onset Epilepsy (Parson Russell Terrier Type) Ectodermal Dysplasia	WT/WT	(Clear) Normal (Clear)
(Chesapeake Bay Retriever Type) Ectodermal Dysplasia, X-Linked	WT/WT	Normal (Clear) X-
(Dachshund Type) Ectodermal Dysplasia, X-Linked (Shepherd Type)	WT/WT	Linked Male Normal X-
Ehlers-Danlos Syndrome (Doberman Pinscher Type) Ehlers-Danlos	WT/WT	Linked Male Normal
Syndrome (Labrador Retriever Type), Variant 1 Ehlers-Danlos Syndrome	WT/Y	Normal (Clear) Normal
(Labrador Retriever Type), Variant 2 Ehlers-Danlos Syndrome (Poodle	WT/Y	(Clear) Normal (Clear)
Type, Variants 1 and 2)	WT/WT	Normal (Clear)
	WT/WT	
	WT/WT	
	WT/WT	
Ehlers-Danlos Syndrome (Poodle Type), Variant 1	0 0	
Ehlers-Danlos Syndrome (Poodle Type), Variant 2	WT/WT	
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)		Normal (Clear)

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

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

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

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)
	0	
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	WT/Y	
Pembroke Welsh Corgi Duchenne Muscular Dystrophy Persistent	WT/WT	X-Linked Male Normal
Mullerian Duct Syndrome Pituitary Dwarfism (Shepherd Type)	WT/WT	Normal (Clear) Normal
Polyneuropathy (Leonberger Type 1) Polyneuropathy (Leonberger Type	WT/WT	(Clear) Normal (Clear)
2) Polyneuropathy with Ocular Abnormalities and Neuronal Vacuolation	WT/WT	Normal (Clear) Normal
	WT/WT	(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)
	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 X-
Progressive Retinal Atrophy, X-linked 2	WT/Y	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 WT/WT	Normal (Clear)
Pyruvate Kinase Deficiency (Basenji type)	WT/WT WT/WT	Normal (Clear)
Pyruvate Kinase Deficiency (Beagle type)	WT/WT WT/WT	Normal (Clear)
Pyruvate Kinase Deficiency (Labrador Retriever type)	WT/WT WT/WT	Normal (Clear)
Pyruvate Kinase Deficiency (Pug type)	WT/WT WT/WT	Normal (Clear)
Pyruvate Kinase Deficiency (Terrier type)	WT/WT WT/WT	Normal (Clear)
Recurrent Inflammatory Pulmonary Disease	WT/WT	Normal (Clear)
Renal Cystadenocarcinoma and Nodular Dermatofibrosis		Normal (Clear)
Retinal Dysplasia/Oculoskeletal Dysplasia 1		Normal (Clear)
Retinal Dysplasia/Oculoskeletal Dysplasia 2		Normal (Clear)
Sensory Neuropathy (Border Collie Type)		Normal (Clear)
Severe Combined Immunodeficiency Disease (Terrier Type)		Normal (Clear)
Severe Combined Immunodeficiency Disease (Wetterhoun Type)		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) Normal
Skeletal Dysplasia 2	WT/WT	(Clear) Normal (Clear)
Spinal Dysraphism	WT/WT	Normal (Clear) Normal
Spinocerebellar Ataxia (Alpine Dachsbrake Type)	WT/WT	(Clear) Normal (Clear)
Spinocerebellar Ataxia (Terrier Type)	WT/WT	Normal (Clear) Normal
Spondylocostal Dysostosis	WT/WT	(Clear)
Stargardt Disease	WT/WT	
Subacute Necrotizing Encephalopathy (Yorkshire Terrier Type)	WT/WT	
	WT/WT	

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)