AIS PennHIP

(877) 727-6637 www.antechimagingservices.com

Owner's Copy

PennHIP Report

Referring Veterinarian: Dr Edward Womack	Clinic Name: Cascade Veterinary Clinic
Email: cascadevet@cascadevetclinic.com	Clinic Address: 1201 Walla Walla Avenue Wenatchee, WA 98801
	Phone: (509) 663-0793
	Fax:(509) 663-5966

Patient Information

Client: Botello, Jacqueline	Tattoo Num:
Patient Name: Preston	Patient ID: 99990
Reg. Name: Pressed For Time	Registration Num: PR21002809
PennHIP Num: 127134	Microchip Num: 981020029774588
Species: Canine	Breed: STANDARD POODLE
Date of Birth: 24 Jul 2018	Age: 7 months
Sex: Male	Weight: 39 lbs/17.7 kgs
Date of Study: 18 Feb 2019	Date Submitted: 18 Feb 2019
Date of Report: 20 Feb 2019	

Findings

Distraction Index (DI): Right DI = 0.36, Left DI = 0.36.

Osteoarthritis (OA): No radiographic evidence of OA for either hip.

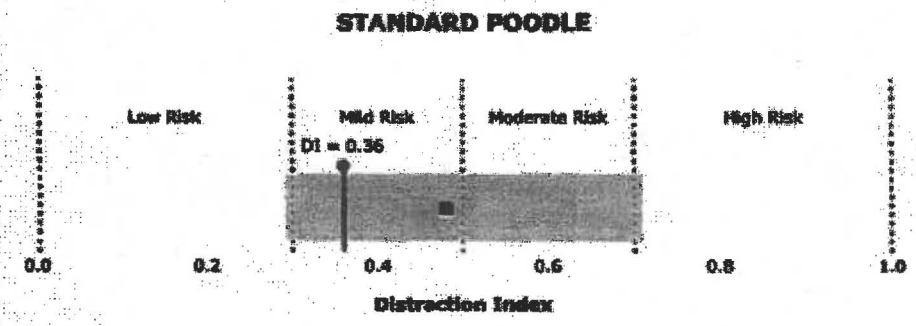
Cavitation/Other Findings: No cavitation present.

Interpretation

Distraction Index (DI): The laxity ranking is based on the hip with the greater laxity (larger DI). In this case the DI used is 0.36.

OA Risk Category: The DI is between 0.31 and 0.49. This patient is at mild risk for hip OA.

Distraction Index Chart:



BREED STATISTICS: This interpretation is based on a cross-section of 3386 canine patients of the STANDARD POODLE breed in the AIS PennHIP database. The gray strip represents the central 90% range of DIs (0.29 - 0.71) for the breed. The breed average DI is 0.48 (solid square). The patient DI is the solid circle (0.36).

SUMMARY: The degree of laxity (DI = 0.36) falls within the central 90% range of DIs for the breed. This amount of hip laxity places the hip at a mild risk to develop hip OA. No radiographic evidence of OA for either hip.

AMERICAN KENNEL CLUB · FOUNDED 1884

Certified Pedigree

PRESSED FOR TIME
PR21002809
POODLE MALE BR & WH
Date Whelped: 07/20/2018
Breeder: ELIZABETH OKUMU

Sire **BAMA DAWSON**
PR18606104 (09-16) BR & WH AKC DNA #V838711

- **ENCHANTED VALLEY'S ZOMBIE APOCALYPSE**
  PR16750205 (03-15) BR & WH AKC DNA #V817107
  - **BROOKE'S GORGEOUS PRINCE DUSTIN**
    PR14221901 (05-13) BR WH MKGS
  - **HEIDI'S ROYAL BALL AT MIDNIGHT**
    PR15529104 (05-13) BLK & WH
- **ENCHANTED VALLEY'S SUFFERING CALYPSO**
  PR17168207 (03-15) BLK & WH
  - **ITZAPROMISE GANDALPH**
    PR17012701 (12-13) SLVR (UKG) AKC DNA #V704354
  - **C&C'S LITTLE ANNIE**
    PR15888702 (04-13) BR & APCT BLK PTS

Dam **ROUGE OF HARGETT RANCH**
PR19023703 (04-17) OFA27G OFEL27 RD

- **REESES'S GARNER PARTI**
  PR16680007 (10-14) RD & WH AKC DNA #V778039
  - **A PIECE OF JOLLY RANCHER**
    PR15559303 (04-13) RD & WH AKC DNA #V726360
  - **REESE'S RED SILK OF HOPE**
    PR15467504 (04-13) RD & WH WH MKGS
- **PRINCETIN SCULLY**
  PR17351705 (06-16) RD
  - **LEMARS RED ROCKET OF FIRE**
    PR15157702 (08-13) OFA25G RD AKC DNA #V727014
  - **PRINCETIN'S CHIQUIRA IS A HOTTIE**
    PR14947704 (05-13) OFA41G RD

AMERICAN KENNEL CLUB®

Gina DiNardo
Executive Secretary

The Seal of The American Kennel Club affixed hereto certifies that this pedigree was compiled from official Stud Book records on September 18, 2018.

PRESTON'S HEALTH RESULTS

We have tested Preston's DNA for more than 150 disease-causing mutations. Below is a summary of our findings.

CLEAR - 152

Congratulations! Preston inherited zero copies of these disease mutations. Be sure to use our share feature to let your veterinarian know about Preston's results. For some of the conditions there may still be undiscovered mutations and/or environmental factors that could lead to similar disease signs. These clear results will help narrow down a future diagnosis if Preston ever gets sick.

See all clear results.

Blood

Hemophilia A (Discovered in th...
Phosphofructokinase Deficiency
Pyruvate Kinase Deficiency (Di...
P2RY12-associated Bleeding Di...
Hemophilia B (Discovered in th...
May-Hegglin Anomaly
Trapped Neutrophil Syndrome
Pyruvate Kinase Deficiency (Di...
Hereditary Elliptocytosis
Hemophilia B
Hemophilia B (Discovered in th...
Pyruvate Kinase Deficiency (Di...
Glanzmann Thrombasthenia Ty...
Hemophilia A (Discovered in th...
von Willebrand's Disease, type ...
Canine Scott Syndrome
Prekallikrein Deficiency
von Willebrand's Disease, type ...
Glanzmann Thrombasthenia Ty...
Macrothrombocytopenia
Factor XI Deficiency
Hemophilia A (Discovered in th...
Hemophilia A (Discovered in th...
von Willebrand's Disease, type 1
Factor VII Deficiency
Canine Leukocyte Adhesion De...

Alexander Disease
Neuroaxonal Dystrophy
X-Linked Tremors
Bandera's Neonatal Ataxia
Degenerative Myelopathy
Benign Familial Juvenile Epilep...
Neuronal Ceroid Lipofuscinosis...
Sensory Neuropathy
Neuronal Ceroid Lipofuscinosis...
Spinocerebellar Ataxia (Late-O...
Neonatal Cerebellar Cortical D...
Cerebellar Cortical Degenerati...
L-2-Hydroxyglutaric Aciduria (...
Neuronal Ceroid Lipofuscinosis...
Spinocerebellar Ataxia with My...
Narcolepsy (Discovered in the ...
Juvenile Myoclonic Epilepsy
Cerebellar Ataxia
Alaskan Husky Encephalopathy
Hypomyelination
Spinal Dysraphism
Narcolepsy (Discovered in the ...
Juvenile Laryngeal Paralysis a...
Cerebellar Hypoplasia
Lagotto Storage Disease
Sensory Ataxic Neuropathy
Neonatal Encephalopathy with ...
Fetal Onset Neuroaxonal Dystr...
Hyperekplexia or Startle Disea...
L-2-Hydroxyglutaric Aciduria
Spongy Degeneration with Cere...

Juvenile Myoclonic Epilepsy
Cerebellar Ataxia
Alaskan Husky Encephalopathy
Hypomyelination
Spinal Dysraphism
Narcolepsy (Discovered in the ...
Juvenile Laryngeal Paralysis a...
Cerebellar Hypoplasia
Lagotto Storage Disease
Sensory Ataxic Neuropathy
Neonatal Encephalopathy with ...
Fetal Onset Neuroaxonal Dystr...
Hyperekplexia or Startle Disea...
L-2-Hydroxyglutaric Aciduria
Spongy Degeneration with Cere...
Neuronal Ceroid Lipofuscinosis...
Neuronal Ceroid Lipofuscinosis...

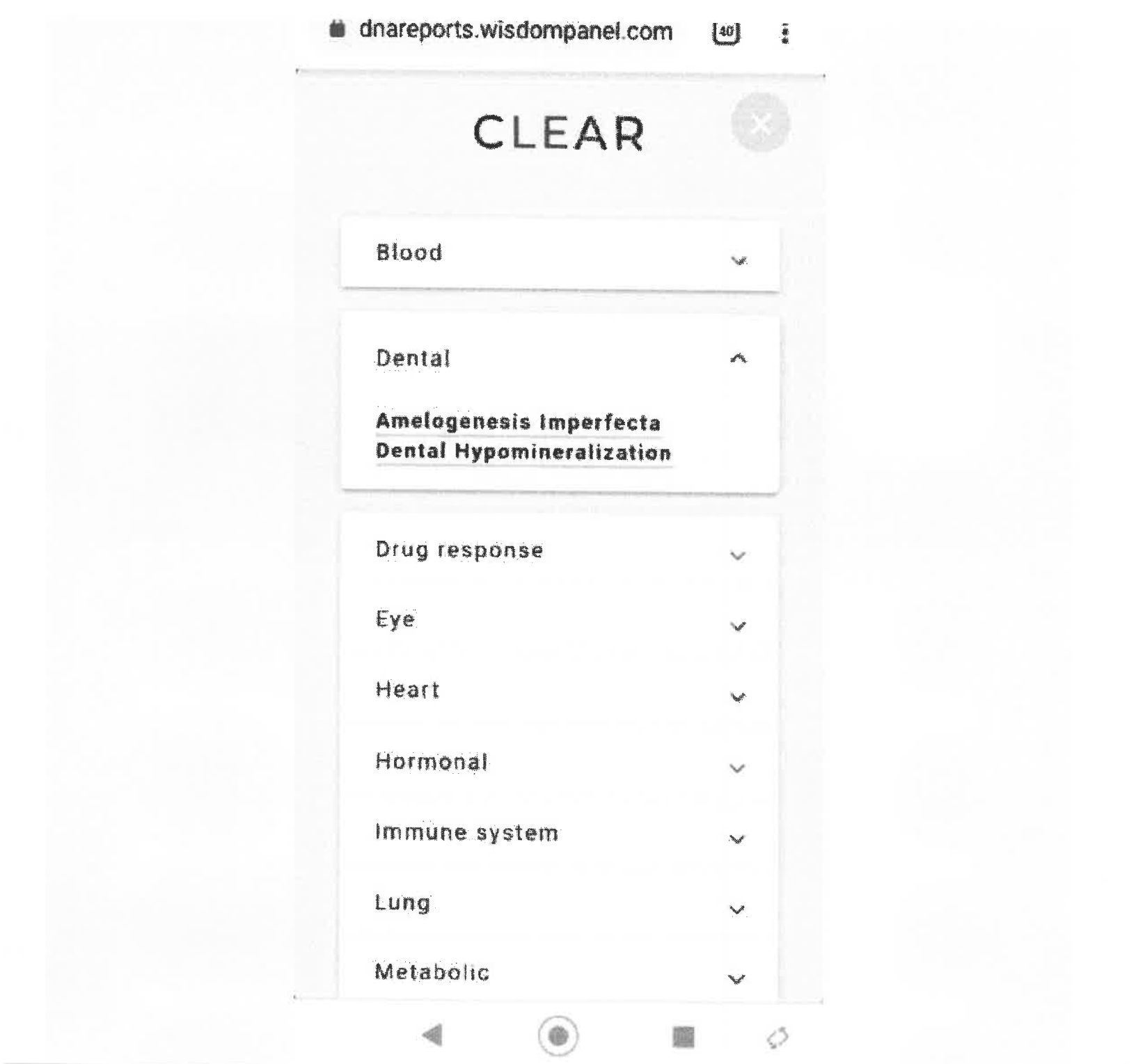
Neuromuscular

Reproductive system

Skeletal

Skin

Urinary


dnareports.wisdompanel.com
CLEAR
Blood
Dental
Amelogenesis Imperfecta
Dental Hypomineralization
Drug response
Eye
Heart
Hormonal
Immune system
Lung
Metabolic

Dental

Drug response

Eye

Progressive Retinal Atrophy (Di...
Cone Degeneration (Discovered...
Progressive Retinal Atrophy (Di...
Progressive Retinal Atrophy Ty...
Dominant Progressive Retinal ...
Canine Multifocal Retinopathy 1
Primary Open Angle Glaucoma ...
Rod-Cone Dysplasia 1
Rod-Cone Dysplasia 1a
Primary Open Angle Glaucoma
Cone Degeneration (Discovered...
Rod-Cone Dysplasia 3
Cone-Rod Dystrophy
Cone-Rod Dystrophy 2
Cone-Rod Dystrophy 1
Canine Multifocal Retinopathy 2
Cone Degeneration (Discovered...
Primary Lens Luxation
X-Linked Progressive Retinal A...

Heart

CLEAR

Blood

Dental

Drug response

Multidrug Resistance 1

Eye

Heart

Hormonal

Immune system

Lung

Metabolic

Dental

Drug response

Eye

Heart

Hormonal

Congenital Hypothyroidism (Di...
Congenital Hypothyroidism (Di...

Immune system

Lung

Metabolic

Muscle

Nervous system

Neuromuscular

Metabolic

Muscle

Muscular Hypertrophy (Double ...
Muscular Dystrophy (Discovere...
Muscular Dystrophy (Discovere...
Myotubular Myopathy
Centronuclear Myopathy (Disco...
Muscular Dystrophy (Discovere...
Myotonia Congenita
Muscular Dystrophy (Discovere...
Centronuclear Myopathy (Disco...
X-Linked Myotubular Myopathy
Nemaline Myopathy

Nervous system

Neuromuscular

Reproductive system

Skeletal

Skin

Dental

Drug response

Eye

Heart

Hormonal

Immune system

X-Linked Severe Combined Im...
X-Linked Severe Combined Im...
Complement 3 Deficiency
Severe Combined Immunodefic...
Canine Cyclic Neutropenia

Lung

Metabolic

Muscle

Nervous system

Metabolic

Muscle

Nervous system

Neuromuscular

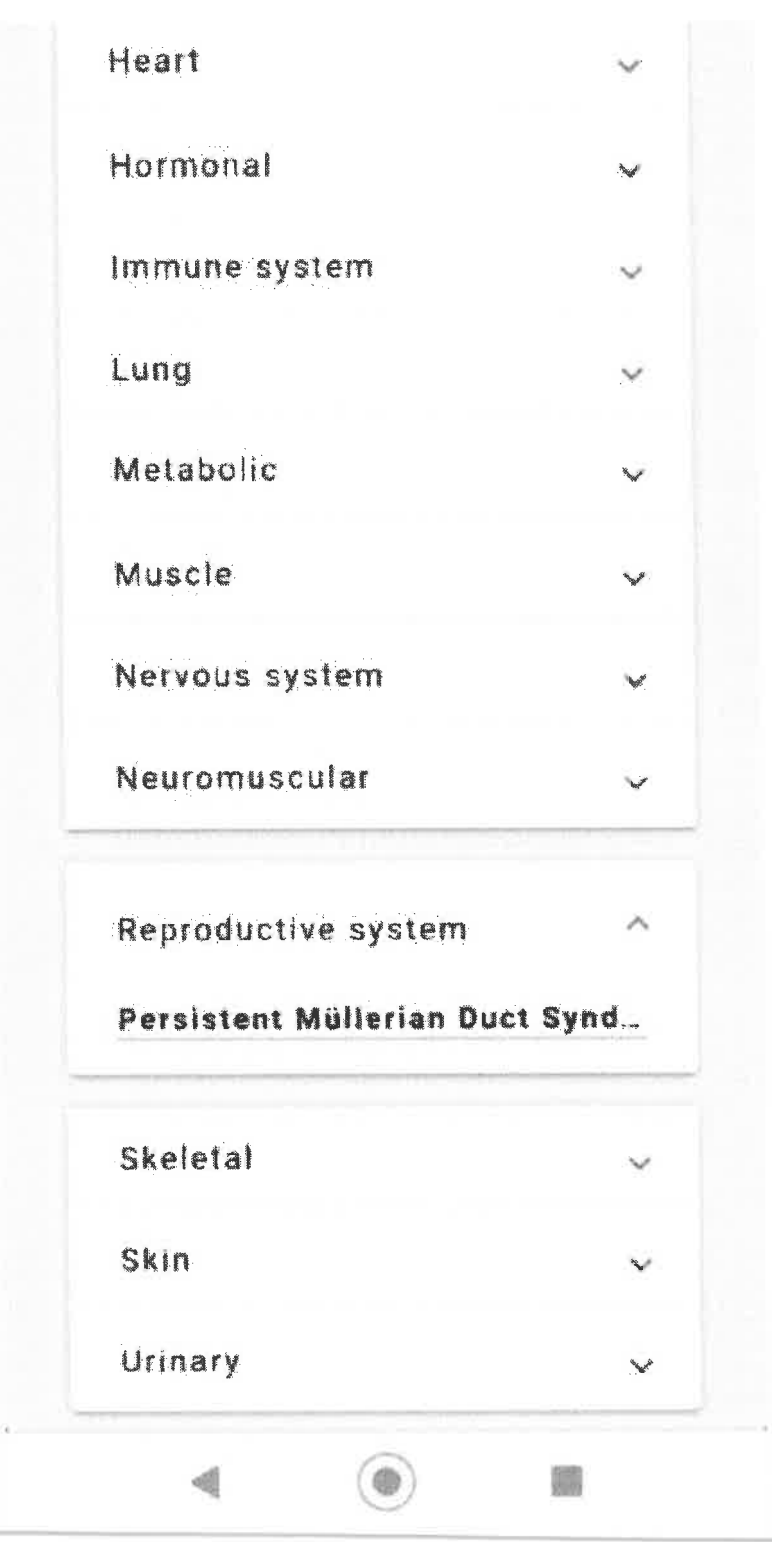
GM2 Gangliosidosis (Discovere...
GM2 Gangliosidosis (Discovere...
Globoid Cell Leukodystrophy (D...
Exercise-Induced Collapse
Congenital Myasthenic Syndro...
Episodic Falling Syndrome
Congenital Myasthenic Syndro...
Globoid Cell Leukodystrophy (D...
Early-Onset Progressive Polyn...

Reproductive system

Skeletal

Skin

Urinary


Heart
Hormonal
Immune system
Lung
Metabolic
Muscle
Nervous system
Neuromuscular
Reproductive system
Persistent Müllerian Duct Synd...
Skeletal
Skin
Urinary

Nervous system

Neuromuscular

Reproductive system

Skeletal

Cleft Lip & Palate with Syndact...
Cleft Palate
Craniomandibular Osteopathy
Van den Ende-Gupta Syndrome
Osteogenesis Imperfecta (Disc...
Spondylocostal Dysostosis
Skeletal Dysplasia 2
Hereditary Vitamin D-Resistant...
Osteogenesis Imperfecta (Disc...
Osteochondrodysplasia
Musladin-Lueke Syndrome
Chondrodysplasia

Skin

Urinary

Metabolic

Muscle

Nervous system

Neuromuscular

Reproductive system

Skeletal

Skin

Dystrophic Epidermolysis Bullo...
Lamellar Ichthyosis
Ligneous Membranitis
Ichthyosis (Discovered in the A...
Focal Non-Epidermolytic Palmo...
Hereditary Footpad Hyperkerat...
Epidermolytic Hyperkeratosis
Ichthyosis (Discovered in the G...
X-Linked Ectodermal Dysplasia

Urinary

Metabolic

Muscle

Nervous system

Neuromuscular

Reproductive system

Skeletal

Skin

Urinary

Xanthinuria (Discovered in a mi...
X-Linked Hereditary Nephropat...
Hyperuricosuria
Fanconi Syndrome
Protein Losing Nephropathy
Cystinuria Type II-A
Cystinuria Type I-A
Xanthinuria (Discovered in the ...
Polycystic Kidney Disease
Renal Cystadenocarcinoma and...

COAT COLOR SUBTYPES

Genotype: at/at m/m h/h sp/sp

Preston carries two copies of the gene for white spotting as opposed to one, which means they'll probably have a significant amount of white in their coat. Did you know some breeds that people think are white (like say Dalmatians or white Boxers) actually just have two copies of the white spotting gene?

COAT LENGTH AND TYPE

Genotype: TT TT

Preston's coat is probably wiry and curly. Did you know this is because they show two copies of the gene for curl? If they'd shown one, their coat would be long and wavy.

LEG LENGTH

Genotype: DD

Preston's legs should be relatively long in length, based on this marker (though there can be other genes that affect leg length). Did you know different dogs can have different leg lengths even if they are the same breed?

COAT COLOR SUBTYPES

Genotype: at/at m/m h/h sp/sp

Preston carries two copies of the gene for white spotting as opposed to one, which means they'll probably have a significant amount of white in their coat. Did you know some breeds that people think are white (like say Dalmatians or white Boxers) actually just have two copies of the white spotting gene?

FURNISHINGS

Genotype:

Preston carries the gene for 'furnishings', which means they are likely to have a fuzzy beard and eyebrows. This trait is commonly associated with terriers, but is carried by many other breeds as well, including the Poodle. It may also have come from many generations back in their ancestry.

EAR CARRIAGE

Genotype: CC

A lot of factors can decide the shape of a dog's ear. But as far as we can tell, Preston probably has 'drop' or floppy ears. This type of ear is dominant, needing only one copy of the gene to show it. That's why it's so common in mixed breed dogs. Common breeds with drop ears include hounds, Labrador, Poodle and spaniels.

BASE PIGMENT COLOR

Genotype: B/bs

Preston carries the gene for the 'expression' of black pigment. This means that even though their overall coat color may not be black, they are still able to make black pigment. They will also likely have black around their eyes, a black nose, and may even have black pads on their feet.