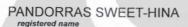
### ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.



WHITE SWISS SHEPHERD

953010001832054 tattoo/microchip/DNA profile

1992386 application number

8/7/2018 date of report

RESULTS:

DEGENERATIVE MYELOPATHY (DM): A/N, HETEROZYGOUS CARRIER, 1 COPY OF THE DM MUTATION

These results are based on the laboratory report from EMBARK VETERINARY and the owner's certification that the sample provided was from the animal described above. The OFA registers these lab results, but cannot warrant the accuracy of the lab results.

KIAH MOROSS

HD18698 registration no.

F

6/19/2017 date of birth

11

age at evaluation in months



A Not-For-Profit Organization

BBS-DM26/11F-PI-CAR

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

AA Keller DIM

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

OWNer

## ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

PANDORRAS SWEET-HINA registered name

WHITE SWISS SHEPHERD

953010001832054 tattoo/microchip/DNA profile

1992386 application number

8/7/2018 date of report

RESULTS:

MULTIPLE DRUG RESISTANCE (MDR1): NORMAL/NORMAL

These results are based on the laboratory report from EMBARK VETERINARY and the owner's certification that the sample provided was from the animal described above. The OFA registers these lab results, but cannot warrant the accuracy of the lab results.

KIAH MOROSS

HD18698 registration no.

F

6/19/2017 date of birth

11

age at evaluation in months

BBS-MD1-2/11F-PI-N/N

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A Not-For-Profit Organization

OWN

AA Kellevd IM
G.G.KELLER. D.V.M., M.S., DACVR

CHIEF OF VETERINARY SERVICES

#### ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

PANDORRAS SWEET-HINA registered name

WHITE SWISS SHEPHERD breed

953010001832054 tattoo/microchip/DNA profile

1992386 application number

9/26/2019 date of report

RESULTS:

Based upon the radiograph submitted, the consensus was that no evidence of hip dysplasia was recognized. The hip joint conformation was evaluated as:

**KIAH & KEVIN MOROSS** 

HD18698 registration no.

sex

6/19/2017 date of birth

26

age at evaluation in months

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BBS-45G26F-PI

O.F.A. NUMBER

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GOOD

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#### ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

PANDORRAS SWEET-HINA registered name

WHITE SWISS SHEPHERD breed

953010001832054 tattoo/microchip/DNA profile

1992386 application number

9/26/2019 date of report

Based upon the radiograph submitted, the consensus was that no evidence of elbow dysplasia was recognized.

NORMAL

HD18698

registration no.

6/19/2017 date of birth

O.F.A. NUMBER

age at evaluation in months

BBS-EL43F26-PI

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

sex

26

KIAH & KEVIN MOROSS

KellerDIM G.G.KELLER. D.V.M., M.S., DACVR

CHIEF OF VETERINARY SERVICES

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9/16/2019 Report Viewer



### PennHIP Report

Doctor's Copy

Referring Veterinarian: Dr Matt Leara Clinic Name: Animal Clinic of Honolulu Email: animalclinicofhonolulu@gmail.com Clinic Address: 1048 Koko Head Ave

Honolulu, HI 96816

Phone: (808) 734-0255 Fax:(808) 735-1937

#### Patient Information

Client: Moross, Kiah Tattoo Num:
Patient Name: Pandorras Sweet Patient ID: 32626

Reg. Name: Pandorras Sweet Hina Registration Num: HD18.698
PennHIP Num: 134537 Microchip Num: 953010001832054

Species: Canine

Breed: WHITE SWISS SHEPHERD DOG

Date of Birth: 18 Jun 2017

Age: 27 months

Sex: Female Weight: 66 lbs/29.9 kgs
Date of Study: 06 Sep 2019 Date Submitted: 06 Sep 2019

Date of Report: 12 Sep 2019

### **Findings**

Distraction Index (DI): Right DI = 0.37, Left DI = 0.32.

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

Cavitation/Other Findings: No cavitation present.

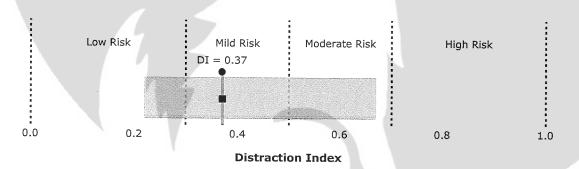
#### Interpretation

Distraction Index (DI): The laxity ranking is based on the hip with the greater laxity (larger DI). In this case the DI used is 0.37.

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

Distraction Index Chart:

#### WHITE SWISS SHEPHERD DOG



**BREED STATISTICS:** This interpretation is based on a cross-section of 55 canine patients of the WHITE SWISS SHEPHERD DOG breed in the AIS PennHIP database. The gray strip represents the central 90% range of DIs (0.22 - 0.67) for the breed. The breed average DI is 0.37 (solid square). The patient DI is the solid circle (0.37).

**SUMMARY:** The degree of laxity (DI = 0.37) 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.

# embark

# **DNA Test Report**

## Dog Information

Pandorras Sweet-Hina (Hina)

NAME

White Shepherd GENETIC BREED

Federacion Canofila De Puerto Rico:

HD18.698

REGISTRATION

Female

SEX

June 19th, 2017 DATE OF BIRTH

953010001832054

MICROCHIP

**Kiah Y Moross** OWNER NAME

Canine Genetic Health Screen

June 2nd, 2018 TEST DATE

## **BREED HEALTH TESTS**

DISEASE	GENE	GENOTYPE	RESULT	
Canine Leukocyte Adhesion Deficiency Type III (LAD3)	FERMT3	NN	Clear	0
Degenerative Myelopathy	SOD1	GA	Carrier	0
MDR1 Drug Sensitivity	MDR1	NN	Clear	0
Achromatopsia	CNGA3 (Exon 7 SNP)	СС	Clear	
Factor VIII Deficiency, Hemophilia A	F8 Exon 1	GG	Clear	
Factor VIII Deficiency, Hemophilia A	F8 Exon 11	GG	Clear	
Hyperuricosuria and Hyperuricemia or Urolithiasis	SLC2A9 (Exon 5)	СС	Clear	
Mucopolysaccharidosis Type VII, Sly Syndrome	GUSB	GG	Clear	
Renal Cystadenocarcinoma and Nodular Dermatofibrosis (RCND)	FLCN	GG	Clear	
X-linked Ectodermal Dysplasia, Anhidrotic Ectodermal Dysplasia	EDA	GG	Clear	

# embark

# **DNA Test Report**

## Dog Information

Pandorras Sweet-Hina (Hina) NAME

## TRAIT TESTS (1/2)

Coat Color		RESULT
E Locus (MC1R)	No dark hairs anywhere	ee
K Locus (CBD103)	Not expressed	k <sup>y</sup> k <sup>y</sup>
A Locus (ASIP)	Not expressed	a <sup>t</sup> a
D Locus (MLPH)	Not expressed	DD
B Locus (TYRP1)	Likely black colored nose/feet	вв
Other Coat Traits		RESULT
Furnishings (RSPO2) LINKAGE	Likely unfurnished (no mustache, beard, and/or eyebrows)	П
Coat Length (FGF5)	Likely long coat	TT
Shedding (MC5R)	Likely heavy/seasonal shedding	cc
Coat Texture (KRT71)	Likely wavy coat	СТ
Hairlessness (FOXI3) LINKAGE	Very unlikely to be hairless	NN
Oculocutaneous Albinism Type 2 (SLC45A2) LINKAGE	Likely not albino	NN
Other Body Features		RESULT
Muzzle Length (BMP3)	Likely medium or long muzzle	СС
Tail Length (T)	Likely normal-length tail	СС
Hind Dewclaws (LMBR1)	Unlikely to have hind dew claws	cc
Blue Eye Color (ALX4) LINKAGE	Less likely to have blue eyes	NN

**emba**rk

# embark

## **DNA Test Report**

High

Diversity

## Dog Information

Pandorras Sweet-Hina (Hina) NAME

## TRAIT TESTS (2/2)

MHC Class II - DLA DQA1 and DQB1

**Body Size** RESULT Body Size (IGF1) Larger NN Body Size (IGFR1) Larger GG Body Size (STC2) Larger TT Body Size (GHR - E195K) Intermediate GA Body Size (GHR - P177L) CC Larger RESULT Performance Altitude Adaptation (EPAS1) Normal altitude tolerance GG **Genetic Diversity** RESULT **Coefficient Of Inbreeding** 25% High MHC Class II - DLA DRB1 Diversity







