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AnimalGenetics 3382 Capital Circle NE Tallahassee, FL 32308

Canine Genetic Testing Report

Reino & Julie Macki Idaho Jewels Poodles 51 N 3300 E Rigby, ID 83442 **United States**

Submitted By

Subject Dog

Date Received: 4/22/2022 00366067 Dog Name: Idaho Jewels Opportunity Knox Registration: PR24483604 Breed: Poodle Microchip: 991001004274211 Phenotype: Red & White Sex: Male Birth: 09/12/2021 Sire Dam Sire Name: Idaho Jewels Red Dreamy Dragon Dam Name: Idaho Jewels Red Parti Suzie Q Breed: Poodle Breed: Poodle Registration: PR23121502 Registration: PR20515908 Phenotype: Red & White Phenotype: Red & White **Coat Color Testing Genetic Disorders** Dog has one copy of the gene responsible for fawn/sable coat Dog is negative for the CDDY mutation. A Locus-Av X X n/AY CDDY N/N color Negative for wild-sable. Dog is negative for the CDPA mutation. X X A Locus-Aw n/n CDPA N/N Dog has one copy of the tan points/tricolor gene. Clear: Dog is negative for the SOD1A Degenerative Myelopathy х X A Locus-At n/At DM n/n mutation. Dog does not carry the gene responsible for recessive black Clear: Dog tested negative for the NEwS mutation. X X A Locus-a n/n NEwS n/n coat color. Dog does not carry the brown allele, and can never pass on the Clear: Dog is negative for the causal prcd-PRA c.5G>A X X **B** Locus B/B prcd-PRA n/n gene for brown to future offspring mutation Clear: Dog tested negative for the von Willebrand's Type I X Cocoa vWD1 n/n mutation Dog is negative for the dilution gene. X **D** Locus D/DDog does not carry allele for melanistic mask. X E Locus- EM n/n The dog is yellow-based, and will always pass on a copy of the X E Locus- e e/e vellow allele to any offspring. Dog has one copy of the dominant black gene. Dog is self-X K Locus-KB n/KB colored and can pass on that gene to any offspring. Dog has two copies of the MITF variant associated with parti-Genetic Marker Results X Spotting S/S Run Date: Not Tested color in some breeds Not Tested Harlequin





Intensity Loci LINKAGE

Any pigmented hair likely yellow or tan (Intermediate Red Pigmentation)

Areas of a dog's coat where dark (black or brown) pigment is not expressed either contain red/yellow pigment, or no pigment at all. Five locations across five chromosomes explain approximately 70% of red pigmentation "intensity" variation across all dogs. Dogs with a result of **Intense Red Pigmentation** will likely have deep red hair like an Irish Setter or "apricot" hair like some Poodles, dogs with a result of **Intermediate Red Pigmentation** will likely have tan or yellow hair like a Soft-Coated Wheaten Terrier, and dogs with **Dilute Red Pigmentation** will likely have cream or white hair like a Samoyed. Because the mutations we test may not directly cause differences in red pigmentation intensity, we consider this to be a linkage test. **WHAT'S THIS?**

This trait summarizes these results for the individual subloci:

Intensity_red_pigment_chr2	Red/Red
Intensity_red_pigment_KITLG	Red/Red
Intensity_red_pigment_chr18	Red/Red
Intensity_red_pigment_MFSD12	Red/Cream
Intensity_red_pigment_chr21	Red/Cream

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

IDAHO JEWELS OPPORTUNITY KNOX registered name

POODLE, STANDARD sex/breed

film/test/lab #

991001004274211 tattoo/microchip/DNA profile

2363733 application number

09/26/2022 date of report

RESULTS:

The results of the examination submitted to OFA indicate that no evidence of patellar luxation was recognized.

Inner JULIE MACKI **REBEKAH ANTIS** 51 N 3300 E **RIGBY ID 83442**



www.ofa.org

PR24483604 registration no.

Μ

09/12/2021 date of birth



12 age at evaluation in months

PO-PA9302/12M/P-VPI O.F.A. NUMBER This number issued with the right to correct or revoke by the Orthopedic Foundation for Animals.

NORMAL - PRACTITIONER

Olevar

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

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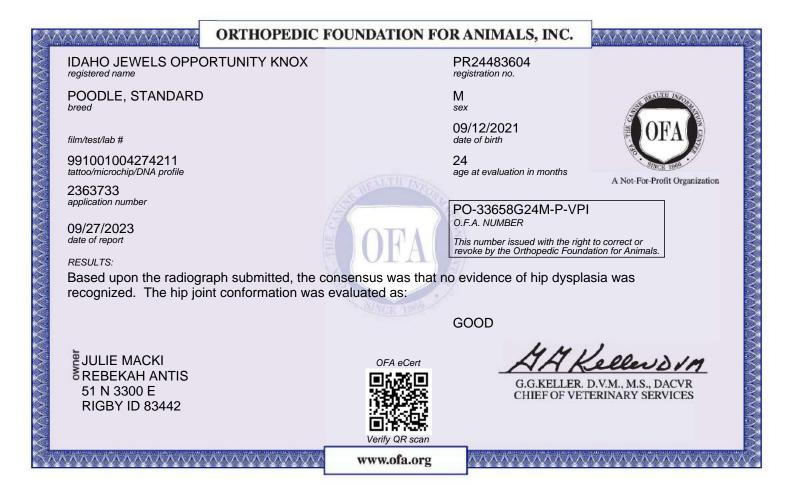
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Columbia, MO 65201-3806 If there are approved this certificate, please email CORRECTIONS @ OFFA ORG to request a correction.

Phone number: 573-442-0418 Orthopedic Equidation for Animals, Inc. 2300 E. Nifong Blvd. Columbia, MO 65201-3806

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



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