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Health Results



Of the 273 genetic health risks we analyzed, we found 3 results that you should learn about.

[Summary](#)

3

[Breed-relevant](#)

26

[Other](#)

247

Research studies indicate that these results are more relevant to dogs like Monti, and may influence her chances of developing certain health conditions.

Intervertebral Disc Disease (Type I)

(FGF4 retrogene - CFA12)

Identified in Cavalier King Charles Spaniels, Standard Poodles, and more

Monti inherited **one** copy of the variant we tested.



INCREASED RISK



Progressive Retinal Atrophy, prcd

(PRCD Exon 1)

Identified in Giant Schnauzers, Golden Retrievers, and more

Monti inherited **one** copy of the variant we tested.



NOTABLE



Congenital Myasthenic Syndrome, CMS**(COLQ, Golden Retriever Variant)**

Identified in Golden Retrievers



CLEAR

Degenerative Myelopathy, DM**(SOD1A)**

Identified in Cavalier King Charles Spaniels, Golden Retrievers, and more



CLEAR

Dilated Cardiomyopathy, DCM**(RBM20, Schnauzer Variant)**

Identified in Giant Schnauzers



CLEAR

Dry Eye Curly Coat Syndrome**(FAM83H Exon 5)**

Identified in Cavalier King Charles Spaniels



CLEAR

Dystrophic Epidermolysis Bullosa**(COL7A1, Golden Retriever Variant)**

Identified in Golden Retrievers



CLEAR

Episodic Falling Syndrome**(BCAN)**

Identified in Cavalier King Charles Spaniels



CLEAR

Factor VII Deficiency**(F7 Exon 5)**

Identified in Giant Schnauzers



CLEAR

Fetal-Onset Neonatal Neuroaxonal Dystrophy

(MFN2, Giant Schnauzer Variant)

Identified in Giant Schnauzers



CLEAR

GM2 Gangliosidosis**(HEXB, Poodle Variant)**

Identified in Standard Poodles and Small Poodles



CLEAR

Golden Retriever Progressive Retinal Atrophy 1, GR-PRA1**(SLC4A3)**

Identified in Golden Retrievers



CLEAR

Golden Retriever Progressive Retinal Atrophy 2, GR-PRA2**(TTC8)**

Identified in Golden Retrievers



CLEAR

Ichthyosis, ICH1**(PNPLA1, Golden Retriever Variant)**

Identified in Golden Retrievers



CLEAR

Ichthyosis, ICH2**(ABHD5, Golden Retriever Variant)**

Identified in Golden Retrievers



CLEAR

Medium-Chain Acyl-CoA Dehydrogenase Deficiency, MCADD**(ACADM, Cavalier King Charles Spaniel Variant)**

Identified in Cavalier King Charles Spaniels

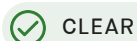


CLEAR

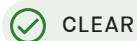
Muscular Dystrophy**(DMD, Cavalier King Charles Spaniel Variant 1)**

Identified in Cavalier King Charles Spaniels

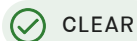


**Muscular Dystrophy****(DMD, Golden Retriever Variant)**

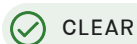
Identified in Golden Retrievers

**Neonatal Encephalopathy with Seizures, NEWS****(ATF2)**

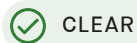
Identified in Standard Poodles and Small Poodles

**Neuronal Ceroid Lipofuscinosis 5, NCL 5****(CLN5 Exon 4 Deletion, Golden Retriever Variant)**

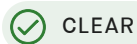
Identified in Golden Retrievers

**Osteochondrodysplasia****(SLC13A1, Poodle Variant)**

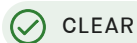
Identified in Standard Poodles and Small Poodles

**Osteogenesis Imperfecta****(COL1A1, Golden Retriever Variant)**

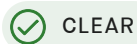
Identified in Golden Retrievers

**Progressive Retinal Atrophy 5, PRA5****(NECAP1 Exon 6, Giant Schnauzer Variant)**

Identified in Giant Schnauzers

**Retina Dysplasia and/or Optic Nerve Hypoplasia****(SIX6 Exon 1, Golden Retriever Variant)**

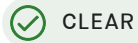
Identified in Golden Retrievers



Urate Kidney & Bladder Stones

(SLC2A9)

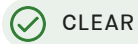
Identified in Giant Schnauzers



Von Willebrand Disease Type I, Type I vWD

(VWF)

Identified in Standard Poodles and Small Poodles



[SHOW LESS](#)



Share results with your veterinarian



Breeding Tools



Genetic Diversity

Learn how inbreeding and immunological diversity could affect your dog's health and longevity.



Coefficient of Inbreeding (COI)

Monti's COI is 5%



Power future discoveries

Our mission is to make scientific discoveries that will improve the lives of all dogs. Your contribution to research helps us do that.

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

MONTI O' MOHICAN
registered name

GOLDEN RETRIEVER
breed

26AZHP
film/test/lab #

990000009920180
tattoo/microchip/DNA profile

2724137
application number

08/14/2026
date of report

RESULTS:

Normal cardiovascular examination via auscultation - No evidence of congenital or acquired heart disease was noted. Since acquired heart disease may develop later, these evaluation results remain valid for one year, and annual examinations are recommended to continue to monitor cardiac health.

NOREG2724137
registration no.

F
sex

06/03/2021
date of birth

62
age at evaluation in months



A Not-For-Profit Organization

GR-BCA15046/62F/P-VPI
O.F.A. NUMBER

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

NORMAL/CLEAR - PRACTITIONER

owner
JOSEPH WENGERD
10693 OLD ZIMMERMAN ROAD SOUTH
SUGARCREEK OH 44681

OFA eCert



Verify QR scan

G.G. Keller, DVM

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

www.ofa.org

This electronic OFA certificate was generated on: 08/14/2026

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.

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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

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tattoo/microchip/DNA profile

2724137
application number

08/14/2026
date of report

RESULTS:

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

NOREG2724137
registration no.

F
sex

06/03/2021
date of birth

62
age at evaluation in months



A Not-For-Profit Organization

GR-PA4711/62F/P-VPI
O.F.A. NUMBER

*This number issued with the right to correct or
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NORMAL - PRACTITIONER

owner
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