

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

SCARLET  
*registered name*

GOLDEN RETRIEVER  
*breed*

*film/test/lab #*

991003001238054  
*tattoo/microchip/DNA profile*

2699570  
*application number*

04/07/2026  
*date of report*

**RESULTS:**

The elbows are normal. No radiographic evidence of elbow dysplasia is present.

NOREG2699570  
*registration no.*

F  
*sex*

05/05/2021  
*date of birth*

58  
*age at evaluation in months*



A Not-For-Profit Organization

GR-EL72354F58-C-VPI  
*O.F.A. NUMBER*

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

NORMAL

**owner**

JOE WENGERD  
10693 OLD ZIMMERMAN RD SW  
SUGARCREEK OH 44681

OFA eCert



Verify QR scan

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

[www.ofa.org](http://www.ofa.org)

This electronic OFA certificate was generated on: 04/07/2026

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](mailto:CORRECTIONS@OFA.ORG) to request a correction.

Orthopedic Foundation for Animals, Inc.  
2300 E. Nifong Blvd.  
Columbia, MO 65201-3806

OFA website: [www.ofa.org](http://www.ofa.org)  
E-mail address: [ofa@ofa.org](mailto:ofa@ofa.org)  
Phone number: 573-442-0418  
Fax number: 573-875-5073

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2699570  
*application number*

04/07/2026  
*date of report*

RESULTS:

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

NOREG2699570  
*registration no.*

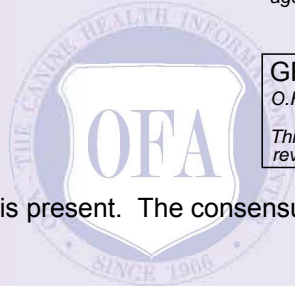
F  
*sex*

05/05/2021  
*date of birth*

58  
*age at evaluation in months*



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GR-152441E58F-C-VPI  
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*owner* JOE WENGERD  
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Profile

Summary

Research

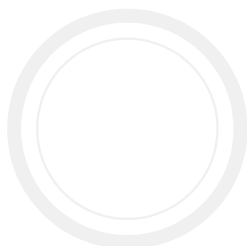
Health

Breed & Ancestry

Traits

← Back to my dogs

## 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 Scarlett, 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

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



INCREASED RISK

### 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

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**Dilated Cardiomyopathy, DCM**

**(RBM20, Schnauzer Variant)**

Identified in Giant Schnauzers



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**Dry Eye Curly Coat Syndrome**

**(FAM83H Exon 5)**

Identified in Cavalier King Charles Spaniels



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**Dystrophic Epidermolysis Bullosa**

**(COL7A1, Golden Retriever Variant)**

Identified in Golden Retrievers



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**Episodic Falling Syndrome**

**(BCAN)**

Identified in Cavalier King Charles Spaniels



CLEAR

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**Factor VII Deficiency**

**(F7 Exon 5)**

Identified in Giant Schnauzers



CLEAR

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**Fetal-Onset Neonatal Neuroaxonal Dystrophy**

**(MFN2, Giant Schnauzer Variant)**

Identified in Giant Schnauzers



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**GM2 Gangliosidosis**

**(HEXB, Poodle Variant)**

Identified in Standard Poodles and Small Poodles



 CLEAR


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### Golden Retriever Progressive Retinal Atrophy 1, GR-PRA1

(SLC4A3)

Identified in Golden Retrievers



 CLEAR


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### Golden Retriever Progressive Retinal Atrophy 2, GR-PRA2

(TTC8)

Identified in Golden Retrievers



 CLEAR


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### Ichthyosis, ICH1

(PNPLA1, Golden Retriever Variant)

Identified in Golden Retrievers



 CLEAR


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### Ichthyosis, ICH2

(ABHD5, Golden Retriever Variant)

Identified in Golden Retrievers



 CLEAR


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### Medium-Chain Acyl-CoA Dehydrogenase Deficiency, MCADD

(ACADM, Cavalier King Charles Spaniel Variant)

Identified in Cavalier King Charles Spaniels



 CLEAR


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### Muscular Dystrophy

(DMD, Cavalier King Charles Spaniel Variant 1)

Identified in Cavalier King Charles Spaniels



 CLEAR

---

### Muscular Dystrophy

(DMD, Golden Retriever Variant)

Identified in Golden Retrievers



 CLEAR

**Neonatal Encephalopathy with Seizures, NEWS**

(ATF2)

Identified in Standard Poodles and Small Poodles

 CLEAR**Neuronal Ceroid Lipofuscinosis 5, NCL 5**

(CLN5 Exon 4 Deletion, Golden Retriever Variant)

Identified in Golden Retrievers

 CLEAR**Osteochondrodysplasia**

(SLC13A1, Poodle Variant)

Identified in Standard Poodles and Small Poodles

 CLEAR**Osteogenesis Imperfecta**

(COL1A1, Golden Retriever Variant)

Identified in Golden Retrievers

 CLEAR**Progressive Retinal Atrophy 5, PRA5**

(NECAP1 Exon 6, Giant Schnauzer Variant)

Identified in Giant Schnauzers

 CLEAR**Progressive Retinal Atrophy, prcd**

(PRCD Exon 1)

Identified in Giant Schnauzers, Golden Retrievers, and more

 CLEAR**Retina Dysplasia and/or Optic Nerve Hypoplasia**

(SIX6 Exon 1, Golden Retriever Variant)

Identified in Golden Retrievers

 CLEAR**Urate Kidney & Bladder Stones**

(SLC2A9)

Identified in Giant Schnauzers



CLEAR

### Von Willebrand Disease Type I, Type I vWD

(VWF)

Identified in Standard Poodles and Small Poodles



CLEAR

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)

Scarlett's COI is 3%



### 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.

Take our surveys >

Was this page helpful?

Yes No

← Summary

Other →

**Explore Scarlett's Results**

- Profile
- Summary
- Health
- Breed & Ancestry
- Traits

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- Add a Dog
- My Dogs
- Activate Kit
- Order a Kit
- Messages
- Settings

**Breeder Tools**

- Breeder Profile
- Matchmaker
- Pair Predictor **NEW!**

**More**

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- Help Center
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