

Orthopedic Foundation for Animals
Preliminary Elbow Dysplasia Evaluation Report



A Not-for-Profit
Organization

RED RUBY
registered name

GOLDEN RETRIEVER
breed

film/test/lab #

900255002098849
tattoo/microchip/DNA profile

2705156
application number

05/05/2026
date of report

NOREG2705156
registration no.

F
sex

07/10/2025
date of birth

9
age at evaluation in months

Owner

JOE WENGERD
10693 OLD ZIMMERMAN RD SW
SUGARCREEK OH 44681

Veterinarian

HYLL VU VETERINARY SERVICES
P.O. BOX 184
BERLIN OH 44610

Preliminary Elbow Dysplasia Evaluation Report

✓ negative for elbow dysplasia

L ✓ R ✓

ELBOW DYSPLASIA

GRADE I

GRADE II

GRADE III

L _____ R _____

L _____ R _____

L _____ R _____

RADIOGRAPHIC FINDINGS

degenerative joint disease (DJD)

united anconeal process (UAP)

fragmented coronoid process (FCP)

osteochondrosis

L _____ R _____

L _____ R _____

L _____ R _____

L _____ R _____

G.G. Keller, DVM

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

Orthopedic Foundation for Animals
Preliminary Hip Dysplasia Evaluation Report



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Preliminary Hip Dysplasia Evaluation Report

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

EXCELLENT HIP JOINT CONFORMATION

superior hip joint conformation as compared with other individuals of the same breed and age

GOOD HIP JOINT CONFORMATION

well formed hip joint conformation as compared with other individuals of the same breed and age

FAIR HIP JOINT CONFORMATION

minor irregularities of the hip joint conformation as compared with other individuals of the same breed and age

BORDERLINE HIP JOINT CONFORMATION

marginal hip joint conformation of indeterminate status with respect to hip dysplasia at this time -- Repeat study in six months

MILD HIP DYSPLASIA

radiographic evidence of minor dysplastic changes of the hip joints

MODERATE HIP DYSPLASIA

well defined radiographic evidence of dysplastic changes of the hip joints

SEVERE HIP DYSPLASIA

radiographic evidence of marked dysplastic changes of the hip joints

RADIOGRAPHIC FINDINGS

- ☐ subluxation
☐ remodeling of femoral head/neck
☐ osteoarthritis/degenerative joint disease
☐ shallow acetabula
☐ acetabular rim/edge change

- ☐ unilateral ☐ left ☐ right
☐ transitional vertebra
☐ spondylosis
☐ panosteitis

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CHIEF OF VETERINARY SERVICES

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

RED RUBY OF MGP
registered name

GOLDEN RETRIEVER
breed

26SY98
film/test/lab #

900255002098849
tattoo/microchip/DNA profile

2705156
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.

NOREG2705156
registration no.

F
sex

07/10/2025
date of birth

13
age at evaluation in months



A Not-For-Profit Organization

GR-BCA15037/13F/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, 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.

Orthopedic Foundation for Animals, Inc.
2300 E. Nifong Blvd.
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

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

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RESULTS:

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

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A Not-For-Profit Organization

GR-PA4708/13F/P-VPI
O.F.A. NUMBER

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NORMAL - PRACTITIONER

owner
JOSEPH WENGERD
10693 OLD ZIMMERMAN ROAD SOUTH
SUGARCREEK OH 44681



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

Profile

 Summary

Research

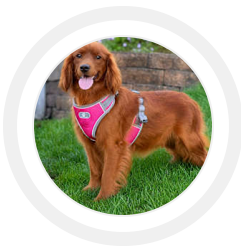
Health

Breed & Ancestry

Traits

 [Back to my dogs](#)

Health Results



Of the 273 genetic health risks we analyzed, we found 2 results that you should learn about.

Summary2

Breed-relevant24

Other249

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

Intervertebral Disc Disease (Type I)

(FGF4 retrogene - CFA12)

Identified in Cavalier King Charles Spaniels and Cocker Spaniels

Red Ruby inherited **one** copy of the variant we tested.

 INCREASED RISK



Acral Mutilation Syndrome

(GDNF-AS, Spaniel and Pointer Variant)

Identified in Cocker Spaniels

 CLEAR



Bernard-Soulier Syndrome, BSS

(GP9, Cocker Spaniel Variant)

Identified in Cocker Spaniels



CLEAR

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

Identified in Golden Retrievers



CLEAR

Degenerative Myelopathy, DM**(SOD1A)**

Identified in Cavalier King Charles Spaniels and Golden Retrievers



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

Exercise-Induced Collapse, EIC**(DNM1)**

Identified in Cocker Spaniels



CLEAR

Familial Nephropathy**(COL4A4 Exon 3, Cocker Spaniel Variant)**

Identified in Cocker Spaniels





CLEAR

Glycogen storage disease Type VII, Phosphofructokinase Deficiency, PFK Deficiency

(PFKM, Whippet and English Springer Spaniel Variant)

Identified in Cocker Spaniels



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



CLEAR

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

Identified in Golden Retrievers



CLEAR

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

Identified in Golden Retrievers



CLEAR

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

Identified in Golden Retrievers



CLEAR

Progressive Retinal Atrophy, prcd**(PRCD Exon 1)**

Identified in Cocker Spaniels and Golden Retrievers



CLEAR

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

Identified in Golden Retrievers



CLEAR

Xanthine Urolithiasis**(XDH, Mixed Breed Variant)**

Identified in Mixed-breed dogs



CLEAR

β-Mannosidosis**(MANBA Exon 16, Mixed-Breed Variant)**

Identified in Mixed-breed dogs



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)

Red Ruby's COI is 2%



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.

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