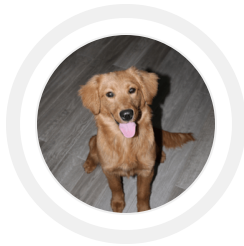


[Profile](#)[Summary](#)[Research](#)[Health](#)[Breed & Ancestry](#)[Traits](#)[← Back to my dogs](#)

Health Results



Of the 274 genetic health risks we analyzed, we found 4 results that you should learn about.

[Summary](#)

4

[Breed-relevant](#)

24

[Other](#)

250

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

Mast Cell Tumor

Her risk is based on genetics, breed ancestry, and other factors.



INCREASED RISK

Ichthyosis, ICH1

(PNPLA1, Golden Retriever Variant)

Identified in Golden Retrievers

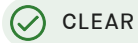
Belle inherited **one** copy of the variant we tested.



NOTABLE

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

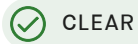
Identified in Golden Retrievers



CLEAR

Degenerative Myelopathy, DM**(SOD1A)**

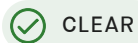
Identified in Cavalier King Charles Spaniels, Golden Retrievers, and more



CLEAR

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)**

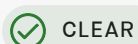
Identified in Cavalier King Charles Spaniels



CLEAR

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

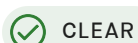
Identified in Standard Poodles



CLEAR

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

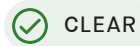
Identified in Golden Retrievers



CLEAR

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

Identified in Golden Retrievers

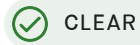


CLEAR

Ichthyosis, ICH2

(ABHD5, Golden Retriever Variant)

Identified in Golden Retrievers

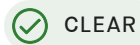


CLEAR

Intervertebral Disc Disease (Type I)

(FGF4 retrogene - CFA12)

Identified in Cavalier King Charles Spaniels and Standard Poodles

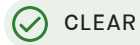


CLEAR

Medium-Chain Acyl-CoA Dehydrogenase Deficiency, MCADD

(ACADM, Cavalier King Charles Spaniel Variant)

Identified in Cavalier King Charles Spaniels

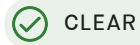


CLEAR

Muscular Dystrophy

(DMD, Cavalier King Charles Spaniel Variant 1)

Identified in Cavalier King Charles Spaniels

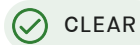


CLEAR

Muscular Dystrophy

(DMD, Golden Retriever Variant)

Identified in Golden Retrievers

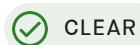


CLEAR

Neonatal Encephalopathy with Seizures, NEWS

(ATF2)

Identified in Standard 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



CLEAR

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

Identified in Golden Retrievers



CLEAR

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

Identified in Golden Retrievers and Standard Poodles



CLEAR

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

Identified in Golden Retrievers



CLEAR

Von Willebrand Disease Type I, Type I vWD**(VWF)**

Identified in Standard Poodles



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)

Belle'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.

[Take our surveys >](#)

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ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

BELLE
registered name

GOLDEN RETRIEVER
breed

film/test/lab #

991001002990712
tattoo/microchip/DNA profile

2699571
application number

04/07/2026
date of report

RESULTS:

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

NOREG2699571
registration no.

F
sex

06/05/2023
date of birth

33
age at evaluation in months



A Not-For-Profit Organization

GR-152442F33F-C-VPI
O.F.A. NUMBER

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

owner **JOE WENGERD**
10693 OLD ZIMMERMAN RD SW
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: 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** 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.

BELLE
registered name

GOLDEN RETRIEVER
breed

film/test/lab #

991001002990712
tattoo/microchip/DNA profile

2699571
application number

04/07/2026
date of report

RESULTS:

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

NOREG2699571
registration no.

F
sex

06/05/2023
date of birth

33
age at evaluation in months



A Not-For-Profit Organization

GR-EL72355F33-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



G.G. Keller, DVM

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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