

Dog Information

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|---|--|
| Piper NAME | Female SEX |
| Labrador Retriever BREED ANCESTRY | October 10th, 2019 DATE OF BIRTH |
| American Kennel Club (AKC) REGISTRATION | n/a MICROCHIP |

Brittany N Pescara
OWNER NAME

Canine Genetic Health Screen
TEST

August 22nd, 2023
TEST DATE

BREED HEALTH TESTS





| DISEASE | GENE | GENOTYPE | RESULT | TESTING RECOMMENDED BY |
|---|---------------------------|----------|--------|------------------------|
| Centronuclear Myopathy, CNM | PTPLA | NN | Clear | |
| Degenerative Myelopathy, DM | SOD1A | GG | Clear | |
| Exercise-Induced Collapse, EIC | DNM1 | GG | Clear | |
| Hereditary Nasal Parakeratosis, HNPk | SUV39H2 | GG | Clear | |
| Hyperuricosuria and Hyperuricemia or Urolithiasis, HUU | SLC2A9 (Exon 5) | GG | Clear | |
| Macular Corneal Dystrophy, MCD | CHST6 | CC | Clear | |
| Narcolepsy | HCRTR2 | AA | Clear | |
| Progressive Retinal Atrophy, prcd | PRCD Exon 1 | GG | Clear | |
| Pyruvate Kinase Deficiency | PKLR Exon 7 SNP Variant 1 | CC | Clear | |
| Skeletal Dysplasia 2, SD2 | COL11A2 | GG | Clear | |
| Achromatopsia | CNGA3 (Exon 7 Deletion) | NN | Clear | |
| Alexander Disease | GFAP (Exon 4) | GG | Clear | |
| Canine Elliptocytosis | SPTB Exon 30 | CC | Clear | |
| Congenital Myasthenic Syndrome, CMS | COLQ (Exon 14) | TT | Clear | |
| Golden Retriever Progressive Retinal Atrophy 2, GR-PRA2 | TTC8 Exon 8 | NN | Clear | |

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|---|------------------|----------|--------|---|
| Myotubular Myopathy 1, X-linked Myotubular Myopathy, XL-MTM | MTM1 (Exon 7) | CC | Clear |  |
| Progressive Retinal Atrophy, crd4/cord1 | RPGRIP1 (Exon 2) | NN | Clear |  |
| Stargardt Disease | ABCA4 Exon 28 | NN | Clear |  |
| Ullrich-like Congenital Muscular Dystrophy | COL6A3 | GG | Clear |  |



Canine Genetic Health Certificate™

Call Name: Piper
Registered Name: -
Breed: Labrador Retriever
Sex: Female
DOB: Oct. 2019

Laboratory #: 412366
Registration #: -
Certificate Date: Dec. 8, 2023

This canine's DNA showed the following genotype(s):

| Disease | Gene | Genotype | Interpretation |
|---|--------|----------|----------------|
| Retinal Dysplasia/Oculoskeletal Dysplasia 1 | COL9A3 | WT/WT | Normal (Clear) |

WT, wild type (normal); M, mutant; Y, Y chromosome (male)

Paw Print Genetics® performed the testing on the dog listed on this certificate. See the Laboratory Report for interpretation and recommendations based on these findings. The genes/diseases reported here were selected by the client. Normal results do not exclude inherited mutations not tested in these or other genes that may cause medical problems or may be passed on to offspring. The results included in this report relate only to the items tested using the sample provided. These tests were developed and their performance determined by Paw Print Genetics. This laboratory has established and verified the test(s)' accuracy and precision with >99.9% sensitivity and specificity. The presence of mosaicism may not be detected by this test. Non-paternity may lead to unexpected results. This is not a breed identification test. Because all tests performed are DNA-based, rare genomic variations may interfere with the performance of some tests producing false results. If you think these results are in error, please contact the laboratory immediately for further evaluation. In the event of a valid dispute of results claim, Paw Print Genetics will do its best to resolve such a claim to the customer's satisfaction. If no resolution is possible after investigation by Paw Print Genetics with the cooperation of the customer, the extent of the customer's sole remedy is a refund of the fee paid. In no event shall Paw Print Genetics be liable for indirect, consequential or incidental damages of any kind. Any claim must be asserted within 60 days of the report of the test results. Genetic counseling is available at Paw Print Genetics.

PHOENIX RISING PIPERS BEST LIFE

SS15945505

F YELLOW LABRADOR RETRIEVER

Born Oct 10 2019

Sire: SR81493804

Dam: SR92910909

| Registry | Test Date | Report Date | Age (m) | Conclusion | OFA Number |
|---------------|-------------|-------------|---------|---------------------|----------------------|
| ELBOW | May 10 2022 | May 31 2022 | 31 | NORMAL | LR-EL110186F31-C-VPI |
| HIPS | Aug 7 2022 | Sep 2 2022 | 33 | GOOD | LR-263890G33F-P-VPI |
| PATELLA | Sep 26 2023 | Sep 28 2023 | 47 | NORMAL | LR-PA3729/47F/P-VPI |
| BASIC CARDIAC | Sep 26 2023 | Sep 28 2023 | 47 | NORMAL-PRACTITIONER | LR-BCA2719/47F/P-VPI |