

Laboratory Report

Laboratory #:	219127	Call Name:	Beretta
Order #:	99149	Registered Name:	Gemini's & HP Goldenz 2nd Amendment
Ordered By:	Candi Pearce	Breed:	Golden Retriever
Ordered:	Jan. 31, 2021	Sex:	Female
Received:	Feb. 16, 2021	DOB:	Oct. 2015
Reported:	Feb. 23, 2021	Registration #:	SR95740002
		Microchip #:	981020019203836

Results:

Disease	Gene	Genotype	Interpretation
Ichthyosis (Golden Retriever Type)	PNPLA1	WT/WT	Normal (clear)

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

Interpretation:

Molecular genetic analysis was performed for a specific mutation reported to be associated with Ichthyosis (Golden Retriever Type) in dogs. We identified two normal copies of the DNA sequences in the *PNPLA1* gene tested. Thus, this dog is not at an increased risk for Ichthyosis (Golden Retriever Type).

Recommendations:

No mutations were identified. Thus, this dog is not at an increased risk for the disease caused by or associated with the mutation tested. Because this dog is "clear" of this mutation, this dog will only pass the normal gene on to its offspring. Normal results do not exclude inherited mutations not tested in this gene or other genes that may cause medical problems or may be passed on to offspring. Paw Print Genetics® has genetic counseling available to you at no additional charge to answer any questions about these test results, their implications and potential outcomes in breeding this dog.



Blake C Ballif, PhD
 Laboratory & Scientific Director



Christina J Ramirez, PhD, DVM, DACVP
 Medical Director

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. These tests were developed and their performance determined by Paw Print Genetics®. This laboratory has established and verified the tests' accuracy and precision. 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.