

Laboratory Report

Laboratory #:	11051	Call Name:	BLUFF
Order #:	3846	Registered Name:	Greenstone Royal Flush
Ordered By:	Juan Carbonell	Breed:	Labrador Retriever
Ordered:	May 8, 2015	Sex:	Male
Received:	June 3, 2015	DOB:	May 2011
Reported:	June 12, 2015	Registration #:	SR68233604

Results:

Disease	Gene	Genotype	Interpretation
Hereditary nasal parakeratosis	<i>SUV39H2</i>	WT/WT	Normal

WT, wild type (normal); M, mutant

Interpretation:

Molecular genetic analysis was performed for a specific mutation of the *SUV39H2* gene reported to be associated with hereditary nasal parakeratosis in dogs. We identified two normal copies of the DNA sequences in the gene tested.

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. 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



Casey R Carl, DVM
Associate 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.