

## G6-SULFATASE DEFICIENCY GENETIC TEST REPORT

<b>Provided Information:</b>  <i>Name:</i> <b>EVELAND FARM'S GILLIE</b>  <i>Registration:</i> <b>AMN13425 CE/N5</b>	<b>Case:</b> <b>MDG1007</b> <i>Date Received:</i> 28-Nov-2022 <i>Report Issue Date:</i> 06-Dec-2022 <i>Report ID:</i> 6278-7196-4097-4040  Verify report at <a href="http://www.vgl.ucdavis.edu/verify">www.vgl.ucdavis.edu/verify</a>
<i>DOB:</i> <b>02/17/2021</b> <i>Sex:</i> <b>Female</b> <i>Breed:</i> <b>Nubian, Miniature</b>	

### G6-Sulfatase Deficiency Result

N/N

**Interpretation**

- N/N     Normal - Goat does not have G6S mutation.
- N/G     Carrier - Goat has one copy of G6S mutation, but is unaffected.
- G/G     Affected - Goat has two copies of G6S mutation.

## G6-SULFATASE DEFICIENCY GENETIC TEST REPORT

<b>Client/Owner/Agent Information:</b> JENNIFER HAVEN 4485L JENNIFER@HAVENS-FARM.COM (541) 640-9147	<b>Case:</b> <b>MDG1007</b> <b>Date Received:</b> 28-Nov-2022 <b>Report Issue Date:</b> 06-Dec-2022 <b>Report ID:</b> 6278-7196-4097-4040  Verify report at <a href="http://www.vgl.ucdavis.edu/verify">www.vgl.ucdavis.edu/verify</a>
<b>Name:</b> <b>EVELAND FARM'S GILLIE</b>	

### Additional Information

If testing for a disease or a disorder was performed and results indicate the animal is affected or at risk, we recommend contacting your veterinarian for further clinical evaluation and for additional information on disease and management.

For more detailed information on G6S test results, please visit our website at:  
[www.vgl.ucdavis.edu/test/g6-s-goat](http://www.vgl.ucdavis.edu/test/g6-s-goat)

For terms and conditions of testing, please see [www.vgl.ucdavis.edu/about/terms-and-conditions](http://www.vgl.ucdavis.edu/about/terms-and-conditions)

Results are determined using PCR-based methods. The results relate only to the sample tested as identified by the submitter (for example, identity and/or breed).

**Report authorized by Dr. Rebecca Bellone, VGL Director**

Veterinary Genetics Laboratory · University of California Davis · One Shields Ave · Davis, CA 95616  
[vgl.ucdavis.edu](http://vgl.ucdavis.edu) · (530) 752-2211

## ALPHA-S1 CASEIN GENETIC TEST REPORT

<b>Provided Information:</b>	<b>Case:</b> <b>MDG1007</b>
<b>Name:</b> <b>EVELAND FARM'S GILLIE</b>	<b>Date Received:</b> 28-Nov-2022
<b>Registration:</b> <b>AMN13425 CE/N5</b>	<b>Report Issue Date:</b> 06-Dec-2022
	<b>Report ID:</b> 6730-7663-9293-3182
	Verify report at <a href="http://www.vgl.ucdavis.edu/verify">www.vgl.ucdavis.edu/verify</a>
<b>DOB: 02/17/2021 Sex: Female Breed: Nubian, Miniature</b>	

### ALPHA-s1 CASEIN RESULT

**B/B**

#### Interpretation

**A** and **B** variants, are associated with a high content of alpha-s1 casein in milk. \*

**E**, **F** and **N** variants, are associated with a lower content of alpha-s1 casein in milk.

**O1** represents a non-functional variant ("null") that is associated with lack of alpha-s1 casein production.

Any combination of "high" variants will produce high amounts of alpha-s1 casein.

Any combination of "high" and "low" variants, or "high" and "null" variants, will produce intermediate amounts of alpha-s1 casein.

Any combination of "low" variants, with or without "null" will produce low amounts of alpha-s1 casein. Goats with two copies of the O1 "null" variant will not produce alpha-s1 casein protein.

\* This test is not designed to detect subvariants of **A** and **B**.

## ALPHA-S1 CASEIN GENETIC TEST REPORT

<b>Client/Owner/Agent Information:</b> JENNIFER HAVEN 4485L JENNIFER@HAVENS-FARM.COM (541) 640-9147	<b>Case:</b> <b>MDG1007</b> <b>Date Received:</b> 28-Nov-2022 <b>Report Issue Date:</b> 06-Dec-2022 <b>Report ID:</b> 6730-7663-9293-3182  Verify report at <a href="http://www.vgl.ucdavis.edu/verify">www.vgl.ucdavis.edu/verify</a>
<b>Name:</b> <b>EVELAND FARM'S GILLIE</b>	

### Additional Information

If testing for a disease or a disorder was performed and results indicate the animal is affected or at risk, we recommend contacting your veterinarian for further clinical evaluation and for additional information on disease and management.

For more detailed information on Alpha Casein test results, please visit our website at:  
[www.vgl.ucdavis.edu/test/alpha-s1-casein](http://www.vgl.ucdavis.edu/test/alpha-s1-casein)

For terms and conditions of testing, please see [www.vgl.ucdavis.edu/about/terms-and-conditions](http://www.vgl.ucdavis.edu/about/terms-and-conditions)

Results are determined using PCR-based methods. The results relate only to the sample tested as identified by the submitter (for example, identity and/or breed).

**Report authorized by Dr. Rebecca Bellone, VGL Director**

Veterinary Genetics Laboratory · University of California Davis · One Shields Ave · Davis, CA 95616  
[vgl.ucdavis.edu](http://vgl.ucdavis.edu) · (530) 752-2211

## GOAT SCRAPIE SUSCEPTIBILITY TEST REPORT

<b>Provided Information:</b>  <i>Name:</i> <b>EVELAND FARM'S GILLIE</b> <i>Registration:</i> <b>AMN13425 CE/N5</b>	<b>Case:</b> <b>MDG1007</b> <i>Date Received:</i> 28-Nov-2022 <i>Report Issue Date:</i> 06-Dec-2022 <i>Report ID:</i> 7955-2076-1404-6093  Verify report at <a href="http://www.vgl.ucdavis.edu/verify">www.vgl.ucdavis.edu/verify</a>
<i>DOB:</i> <b>02/17/2021</b> <i>Sex:</i> <b>Female</b> <i>Breed:</i> <b>Nubian, Miniature</b>	

### GOAT SCRAPIE SUSCEPTIBILITY RESULT

<b>146</b>	<b>222</b>
<b>NS</b>	<b>QQ</b>

#### *Interpretation*

One copy of S146 protective variant. Increased resistance to classical scrapie.

## GOAT SCRAPIE SUSCEPTIBILITY TEST REPORT

<p><i>Client/Owner/Agent Information:</i>          JENNIFER HAVEN 4485L          JENNIFER@HAVENS-FARM.COM          (541) 640-9147</p>	<p><b>Case:</b> <b>MDG1007</b>  <i>Date Received:</i> 28-Nov-2022  <i>Report Issue Date:</i> 06-Dec-2022  <i>Report ID:</i> 7955-2076-1404-6093</p> <p>Verify report at <a href="http://www.vgl.ucdavis.edu/verify">www.vgl.ucdavis.edu/verify</a></p>
<p><i>Name:</i> <b>EVELAND FARM'S GILLIE</b></p>	

### Additional Information

If testing for a disease or a disorder was performed and results indicate the animal is affected or at risk, we recommend contacting your veterinarian for further clinical evaluation and for additional information on disease and management.

For more detailed information on Scrapie test results, please visit our website at:  
[www.vgl.ucdavis.edu/test/goat-scrapie-susceptibility](http://www.vgl.ucdavis.edu/test/goat-scrapie-susceptibility)

For terms and conditions of testing, please see [www.vgl.ucdavis.edu/about/terms-and-conditions](http://www.vgl.ucdavis.edu/about/terms-and-conditions)

Results are determined using PCR-based methods. The results relate only to the sample tested as identified by the submitter (for example, identity and/or breed).

**Report authorized by Dr. Rebecca Bellone, VGL Director**

Veterinary Genetics Laboratory · University of California Davis · One Shields Ave · Davis, CA 95616  
[vgl.ucdavis.edu](http://vgl.ucdavis.edu) · (530) 752-2211

