

ALPHA-S1 CASEIN GENETIC TEST REPORT

Provided Information:	Case: GO14198
Name: WILLOWS WILD REX	Date Received: 20-Oct-2022
Registration: -[CAN]N164319-	Report Issue Date: 26-Oct-2022
	Report ID: 1299-6403-3273-9175
	Verify report at www.vgl.ucdavis.edu/verify
DOB: 02/21/2022 Sex: Male Breed: Nubian	

ALPHA-s1 CASEIN RESULT

A/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

Client/Owner/Agent Information: AMBER ROBINSON 350 ALEXANDER ROAD NAKUSP, BC, V0G1R1 CANADA	Case: GO14198 Date Received: 20-Oct-2022 Report Issue Date: 26-Oct-2022 Report ID: 1299-6403-3273-9175 Verify report at www.vgl.ucdavis.edu/verify
Name: WILLOWS WILD REX	

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

For terms and conditions of testing, please see 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 · (530) 752-2211

G6-SULFATASE DEFICIENCY GENETIC TEST REPORT

Provided Information: <i>Name:</i> WILLOWS WILD REX <i>Registration:</i> -[CAN]N164319-	Case: GO14198 <i>Date Received:</i> 20-Oct-2022 <i>Report Issue Date:</i> 26-Oct-2022 <i>Report ID:</i> 1027-4726-0605-2013 Verify report at www.vgl.ucdavis.edu/verify
<i>DOB:</i> 02/21/2022 <i>Sex:</i> Male <i>Breed:</i> Nubian	

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

Client/Owner/Agent Information: AMBER ROBINSON 350 ALEXANDER ROAD NAKUSP, BC, V0G1R1 CANADA	Case: GO14198 Date Received: 20-Oct-2022 Report Issue Date: 26-Oct-2022 Report ID: 1027-4726-0605-2013 Verify report at www.vgl.ucdavis.edu/verify
Name: WILLOWS WILD REX	

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

For terms and conditions of testing, please see 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).

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GOAT SCRAPIE SUSCEPTIBILITY TEST REPORT

Provided Information: <i>Name:</i> WILLOWS WILD REX <i>Registration:</i> -[CAN]N164319-	Case: GO14198 <i>Date Received:</i> 20-Oct-2022 <i>Report Issue Date:</i> 31-Oct-2022 <i>Report ID:</i> 2014-8726-1230-6008 Verify report at www.vgl.ucdavis.edu/verify
<i>DOB:</i> 02/21/2022 <i>Sex:</i> Male <i>Breed:</i> Nubian	

GOAT SCRAPIE SUSCEPTIBILITY RESULT

146	222
NS	QQ

Interpretation

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

GOAT SCRAPIE SUSCEPTIBILITY TEST REPORT

<p><i>Client/Owner/Agent Information:</i> AMBER ROBINSON 350 ALEXANDER ROAD NAKUSP, BC, V0G1R1 CANADA</p>	<p>Case: GO14198 <i>Date Received:</i> 20-Oct-2022 <i>Report Issue Date:</i> 31-Oct-2022 <i>Report ID:</i> 2014-8726-1230-6008</p> <p>Verify report at www.vgl.ucdavis.edu/verify</p>
<p><i>Name:</i> WILLOWS WILD REX</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

For terms and conditions of testing, please see 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).

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