

#### ALPHA-S1 CASEIN GENETIC TEST REPORT

Provided Information:

Name: WILLOWS WILD REX

Registration: -[CAN]N164319-

Case:

GO14198

Date Received: Report Issue Date: 20-Oct-2022 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

1299-6403-3273-9175

Client/Owner/Agent Information:Case:GO14198AMBER ROBINSONDate Received:20-Oct-2022350 ALEXANDER ROADReport Issue Date:26-Oct-2022

350 ALEXANDER ROAD

NAKUSP, BC, V0G1R1

Report ID:

Verify report at www.vgl.ucdavis.edu/verify

Name: WILLOWS WILD REX

#### **Additional Information**

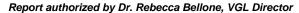
CANADA

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).







# G6-SULFATASE DEFICIENCY GENETIC TEST REPORT

Provided Information:

Name: WILLOWS WILD REX

Registration: -[CAN]N164319-

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

DOB: 02/21/2022 Sex: Male Breed: 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-2022Report Issue Date:26-Oct-2022

Report ID: 1027-4726-0605-2013

Verify report at www.vgl.ucdavis.edu/verify

Name: WILLOWS WILD REX

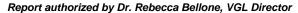
#### **Additional Information**

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).







### GOAT SCRAPIE SUSCEPTIBILITY TEST REPORT

Provided Information: Case: GO14198

Name: WILLOWS WILD REX 20-Oct-2022
Report Issue Date: 31-Oct-2022

Registration: -[CAN]N164319-

Verify report at www.vgl.ucdavis.edu/verify

DOB: 02/21/2022 Sex: Male Breed: 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

Client/Owner/Agent Information:

Case: GO14198

 AMBER ROBINSON
 Date Received:
 20-Oct-2022

 350 ALEXANDER ROAD
 Report Issue Date:
 31-Oct-2022

 NAKUSP, BC, V0G1R1
 Report ID:
 2014-8726-12

NAKUSP, BC, V0G1R1 2014-8726-1230-6008 CANADA 2014-8726-1230-6008

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 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).

