



dr. van haeringen laboratorium b.v.

a VHLGenetics company

InfogeneNZ (EPAGSC)
Massey University, Private Bag
4442 PALMERSTON NORTH
NEW ZEALAND (AOTEAROA)
Customer number 29356

Analysis Certificate

Animal data

Name: BLUE
Date of birth: . .
Sexe: Male
Reg. nr.: D5873
Chip number: 991003002459859
Breed: Lagotto romagnolo

Sample data

VHL_ID: H589463
Test ID-nr: 588093 1
Material: Swab

H486 - Epilepsy, BFJ - Date of test: 30.05.2023

Testresult: CARRIER

H811 - Hyperuricemia (HUU) - Date of test: 30.05.2023

Testresult: NORMAL

H919 - Hiplaxity 1 - Date of test: 30.05.2023

Testresult: N/HL

H421 - Hiplaxity 2 - Date of test: 30.05.2023

Testresult: N/HL

H704 - prcd PRA - Date of test: 14.06.2023

Testresult: NORMAL

H627 - Aberrant Autophagy (LSD) - Date of test: 30.05.2023

Testresult: NORMAL

H681 - Curly coat 2 - Date of test: 05.06.2023

Testresult: Carrier

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H848 - Improper Coat/Furnishings - Date of test: 30.05.2023

Testresult: N/N

H462 - Neuroaxonal Dystrophy (NAD) - Spanish Water Dog - Date of test: 30.05.2023

Testresult: NORMAL

D. Mioch, MSc Veterinary Medicine
CEO

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H486 - Epilepsy, BFJ

Explanation about the result:

NORMAL: The animal has two normal alleles and is therefore not affected by this specific variant. The animal will not develop the described clinical features due to this variant. When used in breeding, a healthy allele will be passed to all offspring.

CARRIER: The animal is a carrier; it has one normal and one affected allele. The animal will not develop the described clinical features due to this variant. In breeding, there is a 50% chance for each offspring that it will receive an affected allele.

AFFECTED: The animal is affected; it has two affected alleles. The animal will most likely develop the described clinical features due to this variant. When used in breeding, all offspring will receive an affected allele.

H811 - Hyperuricemia (HUU)

Explanation about the result:

NORMAL: The animal has two normal alleles and is therefore not affected by this specific variant. The animal will not develop the described clinical features due to this variant. When used in breeding, a healthy allele will be passed to all offspring.

CARRIER: The animal is a carrier; it has one normal and one affected allele. The animal will not develop the described clinical features due to this variant. In breeding, there is a 50% chance for each offspring that it will receive an affected allele.

AFFECTED: The animal is affected; it has two affected alleles. The animal will most likely develop the described clinical features due to this variant. When used in breeding, all offspring will receive an affected allele.

H919 - Hiplaxity 1

The disease is of multifactorial origin, which means that the symptoms are a combination of genetic factors as well as the environment.

This marker is part of a panel of genetic factors influencing hip laxity. For each genetic factor of a multifactorial disease, the desirable genetic variant is indicated as 'N/N'. Animals carrying one copy of the undesirable genetic variant are indicated as 'N/HL', whereas animals carrying two copies of the undesirable genetic variant are indicated as 'HL/HL'.

H421 - Hiplaxity 2

The disease is of multifactorial origin, which means that the symptoms are a combination of genetic factors as well as the environment.

This marker is part of a panel of genetic factors influencing hip laxity. For each genetic factor of a multifactorial disease, the desirable genetic variant is indicated as 'N/N'. Animals carrying one copy of the undesirable genetic variant are indicated as 'N/HL', whereas animals carrying two copies of the undesirable genetic variant are indicated as 'HL/HL'.

H704 - prcd PRA

Explanation about the result:

NORMAL: The animal has two normal alleles and is therefore not affected by this specific variant. The animal will not develop the described clinical features due to this variant. When used in breeding, a healthy allele will be passed to all offspring.

CARRIER: The animal is a carrier; it has one normal and one affected allele. The animal will not develop the described clinical features due to this variant. In breeding, there is a 50% chance for each offspring that it will receive an affected allele.

AFFECTED: The animal is affected; it has two affected alleles. The animal will most likely develop the described clinical features due to this variant. When used in breeding, all offspring will receive an affected allele.

This test is based on an association study.

H627 - Aberrant Autophagy (LSD)

Explanation about the result:

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NORMAL: The animal has two normal alleles and is therefore not affected by this specific variant. The animal will not develop the described clinical features due to this variant. When used in breeding, a healthy allele will be passed to all offspring.

CARRIER: The animal is a carrier; it has one normal and one affected allele. The animal will not develop the described clinical features due to this variant. In breeding, there is a 50% chance for each offspring that it will receive an affected allele.

AFFECTED: The animal is affected; it has two affected alleles. The animal will most likely develop the described clinical features due to this variant. When used in breeding, all offspring will receive an affected allele.

H681 - Curly coat 2

Explanation about the result:

NORMAL: The animal has two normal alleles and is therefore not affected by this specific variant. The animal will not develop the described clinical features due to this variant. When used in breeding, a healthy allele will be passed to all offspring.

CARRIER: The animal is a carrier; it has one normal and one affected allele. The animal will not develop the described clinical features due to this variant. In breeding, there is a 50% chance for each offspring that it will receive an affected allele.

AFFECTED: The animal is affected; it has two affected alleles. The animal will most likely develop the described clinical features due to this variant. When used in breeding, all offspring will receive an affected allele.

H848 - Improper Coat/Furnishings

Detailed information about Coat Colours and Coat Variation is available at www.combibreed.com.

Direct link: <https://www.combibreed.com/blog/knowledgebase/about-dogs/>

H462 - Neuroaxonal Dystrophy (NAD) - Spanish Water Dog

Explanation about the result:

NORMAL: The animal has two normal alleles and is therefore not affected by this specific variant. The animal will not develop the described clinical features due to this variant. When used in breeding, a healthy allele will be passed to all offspring.

CARRIER: The animal is a carrier; it has one normal and one affected allele. The animal will not develop the described clinical features due to this variant. In breeding, there is a 50% chance for each offspring that it will receive an affected allele.

AFFECTED: The animal is affected; it has two affected alleles. The animal will most likely develop the described clinical features due to this variant. When used in breeding, all offspring will receive an affected allele.

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