dr. van haeringen laboratorium b.v.

a VHLGenetics company

v.o. ortis
via cazzaso 24
33020 zuglio fraz. sezza
ITALY
Customer number 97099

## Analysis Certificate

### Animal data

| | |
|---|---|
| Name: | DARKNIGHT TORRES, MX |
| Date of birth: | 24.04.2016 |
| Sexe: | Male |
| Chip number: | 939000002424264 |
| Tattoo number: | FCM G0204-A |
| Breed: | Mechelse Herder |

### Sample data

| | |
|---|---|
| VHL_ID: | H178949 |
| Test ID-nr: | 181622 9 |
| Material: | Swab |

### H734 - E-locus (CC Yellow) - Date of test: 03.03.2017
Testresult: E/E

### H818 - Em locus - Date of test: 03.03.2017
Testresult: Em/Em

### H733 - B-locus (CC Brown) - Date of test: 03.03.2017
Testresult: B/B

### H847 - Coat Colour D-Locus Improved (MLPH) - Date of test: 03.03.2017
Testresult: D/D

### H819 - K-locus - Date of test: 03.03.2017
Testresult: N/N

### H820 - A-locus - Date of test: 06.03.2017
Testresult: Ay/Ay





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W.A. van Haeringen, PhD
Executive Director





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## H734 - E-locus (CC Yellow)

Information about the yellow coat colour (E-locus):
Result E/E: The dog is non-carrier of the mutation that is responsible for the yellow coat colour.
Result E/e: The dog is carrier of the mutation that is responsible for the yellow coat colour.
Result e/e: The dog is homozygous for the mutation that is responsible for the yellow coat colour.
Detailed information about Coat Colours and Coat Variation is available at www.combibreed.com.
Direct link: http://www.combibreed.com/en-us/customerservice/informationcoatvariation/dog.aspx

## H818 - Em locus

Information about the Em coat colour (Em-locus):
Result Em/Em: The dog is homozygous for the mutation that is responsible for a black mask.
Result Em/N: The dog is carrier from the mutation that is responsible for a black mask. Due to the dominant inheritance it has a melanistic mask.
Result N/N: The dog is no carrier from the mutation that is responsible for a black mask.
Detailed information about Coat Colours and Coat Variation is available at www.combibreed.com.
Direct link: http://www.combibreed.com/en-us/customerservice/informationcoatvariation/dog.aspx

## H733 - B-locus (CC Brown)

Information about the brown coat colour (B-locus):
Result B/B: The dog is non-carrier of the mutation that is responsible for the brown coat colour.
Result B/b: The dog is carrier of the mutation that is responsible for the brown coat colour.
Result b/b: The dog is homozygous for the mutation that is responsible for the brown coat colour.
Detailed information about Coat Colours and Coat Variation is available at www.combibreed.com.
Direct link: http://www.combibreed.com/en-us/customerservice/informationcoatvariation/dog.aspx

## H847 - Coat Colour D-Locus Improved (MLPH)

Detailed information about Coat Colours and Coat Variation is available at www.combibreed.com.
Direct link: http://www.combibreed.com/en-us/customerservice/informationcoatvariation/dog.aspx

## H819 - K-locus

Detailed information about Coat Colours and Coat Variation is available at www.combibreed.com.
Direct link: http://www.combibreed.com/en-us/customerservice/informationcoatvariation/dog.aspx

## H820 - A-locus

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