

Customer: Jan Novák, Dlouhá 1, 30000 Plzeň, Czech Republic

Sample:

Sample: 21-12351

Date received: 01.02.2021

Sample type: horsehair

Information provided by the customer

Name: Black And White DEMO

Breed: Český teplokrevník

Date of birth: 25.11.2016

Reg.number : DE-123-456-789-012

Tattoo: 123456789012345

Sex: male

Date of sampling: 01.02.2021

The identity of the animal has been checked by MVDr. Veselý Josef.

Result: N/IMM

Explanation

Presence or absence of c.959A>G mutation in MYH1 gene causing Immune-mediated Myositis (IMM) in Belgian Draft, Quarter Horse, Welsh Pony was tested. IMM is a disease of the skeletal muscles, which is manifested by sudden and recurrent loss of muscle mass, especially in the back muscles and thighs.

The mode of inheritance of the c.959A>G mutation of the MYH1 gene is autosomal, but the exact type of inheritance (dominant vs. recessive) has not yet been clearly confirmed. The result N/N means that the individual is free of the mutation. An N/IMM or IMM/IMM result means that the individual carries one or two copies of the mutated gene.

Method: SOP172-MYH1, direct DNA sequencing

Date of issue: 06.02.2021

Date of testing: 01.02.2021 - 06.02.2021

Approved by: Mgr. Martina Šafrová, Laboratory Manager



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Report verification code is: 12AB-CD34-GENO-MIA0-EFGH. You can verify report online at www.genomia.cz

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