

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

Sample:

Sample: 08-12345

Date received: 25.11.2008

Sample type: blood

Information provided by the customer

Name: Lassie DEMO

Breed: ---

Tattoo number: 1392013

Microchip: 123 456 789 012 345

Reg. number: REGQ12345

Date of birth: 31.12.1909

Sex: female

Date of sampling: 25.11.2008

The identity of the animal has been checked.

Result: E^G/N

Explanation

Presence or absence of c.233G>T variant in MC1R gene was tested – that is E^G variant of locus E. E^G variant is responsible for specific grizzle color of Saluki and domino color of Afghan Greyhounds, where the dog carries also a^T/a^T . The phenotype connected with this variant is light hair on the face and eyebrows.

Locus E hierarchy expression is as follows: $E^M > E^G > E > E^H > e$. This test only gives information about the E^G variant, not about E locus as a whole.

Possible results:

- E^G/E^G : the dog carries two E^G alleles and is grizzle or domino colored, in case the dog is also a^T/a^T .
- E^G/N : the dog carries one E^G allele and is grizzle or domino colored, in case the dog is also a^T/a^T and N in E or e allele. Allele N means any other allele of the E locus except E^G . For example, the combination of E^G/E means carrier of E-allele, the combination of E^G/e means carrier of e-allele.
- N/N: The individual does not carry E^G variant.

Date of issue: 30.11.2008

Date of testing: 25.11.2008 - 30.11.2008

Approved by: Mgr. Martina Šafrová, Laboratory Manager



Genomia s.r.o, Republikánská 6, 31200 Plzeň, Czech Republic
www.genomia.cz, laborator@genomia.cz, tel: +420 373 749 999

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

Without a written consent by the lab, the report must not be reproduced unless as a whole.

The result refers only to the sample as received. Genomia is not responsible for the accuracy of the information provided by the customer.