

Certificate of DNA analysis of an animal in professional breeding programs

Owner / Breeder

Surname and name: Meyers Brittany
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Animal and Sample:

Species: Dog
Breed: Poodle Multicolored
Name of the animal: JNB'S OAKLEY HUNTING IN STYLE
Sex: Male
Chip number: 932001000578366 **Tattoo number:**
Date of sample receipt: 22.2.2018 11:40:00
Date of result release: 26.2.2018 17:26:00
Biological material: Buccal swab

The identity of the animal has been verified at the time of sampling by an independent person.

Description of the molecular technology used:
Total DNA has been isolated from the sampled biological material. PCR amplification of all specified molecular targets (see table of this Document) has been followed by fragment analysis using ABI3500 capillary sequencer and bioinformatic analysis.

Precise specification of the analyzed genetic abnormalities, results and their interpretation:			
Genetically determined disease	Associated gene	Specification of the mutation	Genetic description of the result
Merle coat pattern SILV SINE insertion (m/Mc/Mc+/Ma/Ma+/M/Mh) m/M			
M = SINE insertion ~ 266 bp			
<i>Interpretation of the genetic description and terminology:</i> Wild type: m/m - neither of the investigated alleles of the gene harbor SINE insertion Heterozygous mutation - one of the investigated alleles harbor SINE insertion, the other is wild type (without SINE insertion) Compound heterozygous mutation - both investigated alleles of the gene harbor a SINE insertion Homozygous mutation - both investigated alleles of the gene harbor the same SINE insertion			
Cryptic Merle: Mc - the length of SINE insertion ranges from 200 to 230 bp Mc+ - the length of SINE insertion ranges from 231 to 246 bp Atypical Merle: Ma - the length of SINE insertion ranges from 247 to 254 bp Ma+ - the length of SINE insertion ranges from 255 to 264 bp Merle: M - the length of SINE insertion ranges from 265 to 268 bp Harlequin Merle: Mh - the length of SINE insertion ranges from 269 to 280 bp			


The result has been approved by:
MUDr. Peková Soňa , Ph.D.
VEMODIA a.s.
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Certificate number: AF270/11220
Date of certificate issue: 26.2.2018

VEMODIA a.s.
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Ostravě, oddíl B, vložka 10600 www.vemodia.cz

Disclaimer: The results are pertinent only to the sample tested. The result protocol can only be interpreted in its complete form unless officially approved by the laboratory.

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Dog

Poodle Multicolored

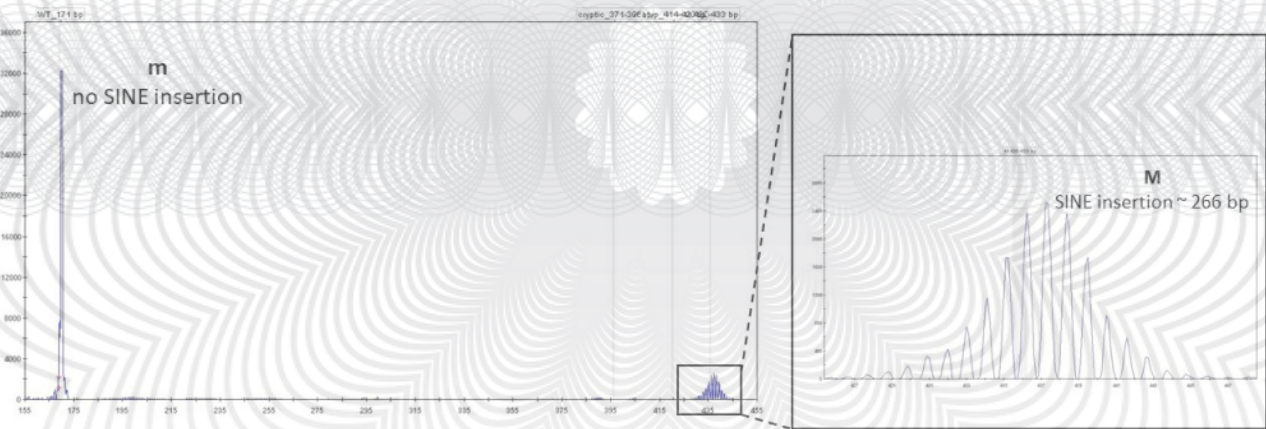
JNB'S OAKLEY HUNTING IN STYLE

Male

932001000578366

Buccal swab

Tattoo number:



AF270 JNB's Oakley Hunting In Style

Certificate number: AF270/11220

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