



## DNA test certificate

Sample ID: A01 0961  
Sample received : 3/22/2017  
Date reported: 3/24/2017

### Animal

### Owner/Breeder

Name:	Felallo-Fulu Lotte	Joel Kuhlmann
Breed:	Pumi	Palsi talu - Meremäe vald
Sex:	female	65319 Miikse Küla
Birth certificate number:	/	Estonia
Tattoo number:	/	felallo.fulu@gmail.com
Microchip number*:	981098106413667	
Registration number:	/	
Date of birth:	12/21/2016	

\* We hereby confirm that the identity of animal has been confirmed.

### Test: E locus (Extension) - Dog Coat Colour

### Result: e/e (yellow/red coat)

#### Results summary:

Gene	Variant c.914C>T	Inheritance	Zygoty	Detection method
MC1R	Detected	Autosomal recessive	Homozygous	PCR-RFLP

#### Interpretation:

Allele E allows normal production of black pigment, while allele e disables production of black pigment and causes red/yellow pigment. To animals with e/e genotype, production of the black pigment is inhibited, resulting in yellow/red coat color. All of their offspring will inherit one e allele.

Maja Perić, mag. biol. mol.  
Laboratory Manager