

# GENETIC IDENTIFICATION CERTIFICATE

193 / 27702 / 4

**Mr Joël KUHLMANN**  
 Vorumaa-Meremae Vald  
 Palsi Talu  
 65319 Miikse Küla  
 Estonia

Name : **Felallo-Fülü Maasik**

Breed : **Pumi**

Identification Nu : **972270000273051**

Pedigree Nu :

Sex : **Female**

Birth's date : **09/05/2013**

Sampler : Veterinarian

**Dr P. TOBIAS**

(Võru, 65604)

Sampler Nu : **671**

Sampling date : **15/07/2013**

Sample type : **Cheek swab**

Sample Nu : **413535**

Receipt date : **25/07/2013**

Case : 81773 / 42425 / 201306397 - 25/07/2013

Reference : 27702 / 19716 / 92921

Result code : **100493**

## Genetic profile

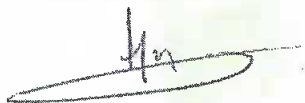
AHTh130	AHTh171	AHTh260	AHTk211	AHTk253	AHT121	AHT137	Amelogenin	CXX279	FH2054	FH2848
<b>HO</b>	<b>HK</b>	<b>LM</b>	<b>LL</b>	<b>KN</b>	<b>JL</b>	<b>GJ</b>	<b>XX</b>	<b>JK</b>	<b>CC</b>	<b>II</b>

INRA21	INU005	INU030	INU055	REN105L03	REN162C04	REN169D01	REN169O18	REN247M23	REN54P11	REN64E19
<b>JJ</b>	<b>FO</b>	<b>JJ</b>	<b>LP</b>	<b>KP</b>	<b>KL</b>	<b>JO</b>	<b>MP</b>	<b>JJ</b>	<b>KQ</b>	<b>JM</b>

ISAG2006 / AHT130:117131 / AHTh171:219225 / AHT260:244246 / AHT211:9191 / AHTk253:284290 / AHT121:9498 / AHT137:131137 / AMELOGENIN:XX / C22.279:116118 / FH2054:156156 / FH2848:230230 / INRA 21:9595 / INU005:110128 / INU030:144144 / INU055:210218 / REN105L03:231241 / REN162C04:202204 / REN169D01:210220 / REN169O18:164170 / REN247M23:268268 / REN54P11:226238 / REN64E19:139145

Result established on the : **30/07/2013**

**Lina MUSELET**  
 Engineer in genetics



### Explanations:

The genetic profile is built from allelic combination of polymorphic microsatellite markers of the ISAG 2006 panel. At each microsatellite locus, the dog shows two alleles symbolized by a letter (A to Z). When the symbol (-) is present, it indicates that the genetic marker could not be amplified or analysed (this phenomenon is rare but could occur in some breeds or dogs; nevertheless, the remaining markers provide enough information to identify the dog). Probability to obtain different genetic profiles for any individual taken by chance in the population is higher than 99% (except for true twins, for which genetic profiles are identicals). Comparison of two genetic profiles, independently established, allows to verify the genetic identity of a dog. Comparison of genetic profiles between adults and puppies allows to verify their parentage.

# Genetic identification card

name : **Felallo-Fülü Maasik**

breed : Pumi

sex : Female

birth's date : 09/05/2013

identification : 972270000273051

pedigree :

sampler :

Dr P. TOBIAS

(Vöru, 65604)

date : 15/07/2013

number : 413535

AHT130	AHT171	AHT260	AHT211	AHT253	AHT121	AHT137	Amelagánn	COQ279	F12054	F12848
HO	HK	LM	LL	KN	JL	GJ	XX	JK	CC	II

NRA21	NU005	NU030	NU055	REN102L03	REN102CD4	REN103D01	REN103O18	REN247M23	REN54P11	REN64E19
JJ	FO	JJ	LP	KP	KL	JO	MP	JJ	KQ	JM