

GENETIC IDENTIFICATION CERTIFICATE

5/51547/1

Mr Marika KEDER
 Vorumaa Meremäe Vald
 Palsi Talu
 65319 Miikse Küla
 Estonia

Name : **Felallo-Fülü Maara**

Breed : **Pumi**

Identification Nu : **972270000277490**

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 : **413531**

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

Case : 81775 / 42425 / 201306397 - 25/07/2013

Reference : 51547 / 19716 / 92929

Result code : **100491**

Genetic profile

AHTh130	AHTh171	AHTh260	AHTk211	AHTk253	AHT121	AHT137	Amelogenin	CXX279	FH2054	FH2848
MO	KK	LM	LL	KN	JL	HJ	XX	JJ	CF	HI

INRA21	INU005	INU030	INU055	REN105L03	REN162C04	REN169D01	REN169O18	REN247M23	REN54P11	REN64E19
JM	FO	MM	LP	KP	MM	JO	LP	JJ	KL	JJ

ISAG2006 / AHT130:127131 / AHTh171:225225 / AHT260:244246 / AHT211:9191 / AHTk253:284290 / AHT121:9498 /
 AHT137:133137 / AMELOGENIN:XX / C22.279:116116 / FH2054:156168 / FH2848:228230 / INRA 21:95101 / INU005:110128 /
 INU030:150150 / INU055:210218 / REN105L03:231241 / REN162C04:206206 / REN169D01:210220 / REN169O18:162170 /
 REN247M23:268268 / REN54P11:226228 / REN64E19:139139

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 Maara**

breed : Pumi

sex : Female

birth's date : 09/05/2013

identification : 972270000277490

pedigree :

sampler :

Dr P. TOBIAS

(Vöru, 65604)

date : 15/07/2013

number : 413531

AHT1130	AHT1171	AHT1260	AHT1211	AHT1253	AHT1121	AHT1137	Amelogenin	C00279	FH2054	FH2048
MO	KK	LM	LL	KN	JL	HJ	XX	JJ	CF	HI
NRA21	NU05	NU30	NU25	PEN105L3	PEN182C04	PEN183D01	PEN189O18	PEN247M23	PEN54P11	PEN64E19
JM	FO	MM	LP	KP	MM	JO	LP	JJ	KL	JJ