

GENETIC IDENTIFICATION CERTIFICATE

192 / 27702 / 4

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

Name : **Felallo-Fülü Meeksi**

Breed : **Pumi**

Identification Nu : **972270000277429**

Pedigree Nu :

Sex : **Male**

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 : **413530**

Receipt date : **25/07/2013**
 Case : 81773 / 42425 / 201306397 - 25/07/2013
 Reference : 27702 / 19716 / 92919
 Result code : **100490**

Genetic profile

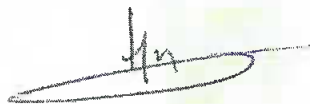
AHTh130	AHTh171	AHTh260	AHTk211	AHTk253	AHT121	AHT137	Amelogenin	CXX279	FH2054	FH2848
JM	KK	LM	LL	MO	KL	HJ	XY	JK	CC	II

INRA21	INU005	INU030	INU055	REN105L03	REN162C04	REN169D01	REN169O18	REN247M23	REN54P11	REN64E19
JM	F-	JJ	LP	KP	KL	JN	MP	JJ	KQ	JJ

ISAG2006 / AHT130:121127 / AHTh171:225225 / AHT260:244246 / AHT211:9191 / AHTk253:288292 / AHT121:9698 /
 AHT137:133137 / AMELOGENIN:XY / C22.279:116118 / FH2054:156156 / FH2848:230230 / INRA 21:95101 / INU005:110- /
 INU030:144144 / INU055:210218 / REN105L03:231241 / REN162C04:202204 / REN169D01:210218 / REN169O18:164170 /
 REN247M23:268268 / REN54P11:226238 / 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

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breed : Pumi

sex : Male

birth's date : 09/05/2013

identification : 972270000277429

pedigree :

sampler :

Dr P. TOBIAS

(Vöru, 65604)

date : 15/07/2013

number : 413530

AHT1130	AHT1171	AHT1200	AHT1211	AHT1253	AHT1121	AHT1137	Amelogenin	G00279	F12054	F12048
JM	KK	LM	LL	MO	KL	HJ	XY	JK	CC	II

NRA21	NU005	NU000	NU005	PEN105L03	PEN102C04	PEN100D01	PEN100Q18	PEN247M23	PEN54P11	PEN04E19
JM	F-	JJ	LP	KP	KL	JN	MP	JJ	KQ	JJ