



PARENTAGE CERTIFICATE

Ms Erika BROMOSE

Dystedvej 24
4684 Holmegaard
DENMARK

Name : **Fruenshøj's Be Upsi The Blossom**

Breed : **Bernese Mountain Dog**

ID Number : **208 250 000 104 101**
Gender : **Unknown**
Birth date : **23/08/2017**

Sample Number : **541 650** (Authenticated)
Sampler veterinarian : **LAURSEN Susanne**
4700 Nastved (DK)
Official number :

File Nu. : 138 539
Request date : 23/10/2017
Result code : 285656

Parentage Verification

Parentage was verified between the offspring **Fruenshøj's Be Upsi The Blossom** and the following breeding animals :

FEMALE	Name : Cobie Breed : Bernese Mountain Dog ID Number : 208 250 000 074 822 Birth date : 17/04/2016 Sample Number : 494 790	MALE	Name : Fruenshøj's Adorable Rufus Breed : Bernese Mountain Dog ID Number : 208 250 000 031 985 Birth date : 04/04/2014 Sample Number : 485 527
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Result : Compatible with the female and the male

Parentage was verified using the following genetic profiles :

	Profile origin	AHT121	AHT137	AHT130	AHT171	AHT260	AHT211	AHT253	AMEL	CXX279	FH2054	FH2848	INRA21	INU005	INU030	INU055	REN105L03	REN162C04	REN169D01	REN169O18	REN247M23	REN54P11	REN64E19
Female	ANTAGENE	LN	JJ	NS	HH	LQ	JJ	LN	XX	NN	CE	KK	MN	NN	JJ	LL	JP	MP	OO	LP	JO	II	MM
Male	ANTAGENE	LM	JP	KK	HP	MQ	JO	MN	XY	NN	CC	KO	JN	NP	JM	LP	NP	MM	OO	OO	KK	KL	MM
Descendent	ANTAGENE	MN	JJ	K-	HP	LQ	JJ	LM	XX	NN	CC	KK	MN	NP	JM	LL	PP	MM	OO	LO	KO	IK	MM

Estelle Sauvegrain
Genetic Analyst

Aurélie Michel
Genetic Analyst

Result established on 27/10/2017

Certificate issued on 27/10/2017

Explanation

Parentage verification consists in verifying the genetic compatibility between the genetic profiles (ISAG2006 standards) of the offspring and its stud dogs . For each genetic marker, the animal has two alleles symbolized by a letter (A to Z): an allele is transmitted by the mother, the other allele is transmitted by the father. Parentage is excluded if the incompatibility between breeding dogs and their descendant involves more than two genetic markers. In case of incompatibility of one DNA profile of one parent performed by another laboratory, the result provided is subject to the reliability of the DNA profile prepared by the other lab.