



PARENTAGE CERTIFICATE

Ms Erika BROMOSE

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4684 Holmegaard
DENMARK

Name : **Fruenshoj's Adorable Rufus**

Breed : **Bernese Mountain Dog**

ID Number : **208 250 000 031 985**

Gender : **Male**

Birth date : **04/04/2014**

Sample Number : **485 527** (Authenticated)

Sampler veterinarian : **SCHJOTH Brigitte**

4623 Lille Skensved (DK)

Official number : **2352**

File Nu. : 113 680

Request date : 29/01/2016

Result code : 206705

Parentage Verification

Parentage was verified between the offspring **Fruenshoj's Adorable Rufus** and the following breeding animals :

| | | | |
|---------------|--|-------------|--|
| FEMALE | Name : Pa-Di Sinclair's Indian Summer Breed : Bernese Mountain Dog ID Number : 208 206 000 139 129 Birth date : 15/09/2009 Sample Number : 485 526 | MALE | |
|---------------|--|-------------|--|

Result : Compatible with the female without the male DNA profile

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 | MM | JL | K- | HP | -- | JJ | LN | XX | NN | CC | MO | JM | NP | MM | LL | JN | MM | OO | LO | KK | LQ | MM |
| Male | | | | | | | | | | | | | | | | | | | | | | | |
| Descendent | ANTAGENE | LM | JP | KK | HP | MQ | JO | MN | XY | NN | CC | KO | JN | NP | JM | LP | NP | MM | OO | OO | KK | KL | MM |

Lina Muselet
Genetics Engineer

Result established on 04/02/2016

Certificate issued on 24/02/2016

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.