



# GENETIC CERTIFICATE

**Ms Erika BROMOSE**

Dystedvej 24  
4684 Holmegaard  
DENMARK

Name : **Cobie**

Breed : **Bernese Mountain Dog**

ID Number : **208 250 000 074 822**

Pedigree Number : **DK08798/2016**

Gender : **Female**

Birth date : **17/04/2016**

Owner :

**BROMOSE Erika**

4684 Holmegaard (DK)

Customer Nb : C73578

Sample Number : **494 790** (Authenticated)

Sample type : Blood sample

Sample date : 14/07/2016

Request date : 21/07/2016

Sampler veterinarian :

**OLSEN Peter Kjeldsted**

4700 Naestved (DK)

Official number : **5715**

File Nu. : 121 055

Animal Number : 141 612

Result code : 228958

## Genetic identification

|           |           |           |           |           |           |           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| AHT121    | AHT137    | AHT130    | AHT171    | AHT260    | AHTk211   | AHTk253   | AMEL      | CXX279    | FH2054    | FH2848    |
| <b>LN</b> | <b>JJ</b> | <b>NS</b> | <b>HH</b> | <b>LQ</b> | <b>JJ</b> | <b>LN</b> | <b>XX</b> | <b>NN</b> | <b>CE</b> | <b>KK</b> |
| 098/102   | 137/137   | 129/139   | 219/219   | 244/254   | 087/087   | 286/290   | X/X       | 124/124   | 156/164   | 234/234   |
| INRA21    | INU005    | INU030    | INU055    | REN105L03 | REN162C04 | REN169D01 | REN169O18 | REN247M23 | REN54P11  | REN64E19  |
| <b>MN</b> | <b>NN</b> | <b>JJ</b> | <b>LL</b> | <b>JP</b> | <b>MP</b> | <b>OO</b> | <b>LP</b> | <b>JO</b> | <b>II</b> | <b>MM</b> |
| 101/103   | 126/126   | 144/144   | 210/210   | 229/241   | 206/212   | 220/220   | 162/170   | 268/278   | 222/222   | 145/145   |

Lina Muselet  
Genetics Engineer

Result established on 28/07/2016

Certificate issued on 28/07/2016

### Explanation

The DNA profile is composed of a panel of 22 microsatellite markers recognized internationally and according to the standard ISAG 2006. At each microsatellite locus, the dog has two alleles symbolized by a letter (A through Z). The presence of (-) symbol indicates that this marker is not amplified or analyzed for this dog. The probability of getting different DNA profile for any individual taken randomly in a population is greater than 99.9%.

ANTAGENE implements all means in terms of reliability (sensitivity, specificity), quality and traceability to ensure the result at 99%.