

# GENETIC CERTIFICATE

**Mrs Susanne BORNSTRAND**

Jädravägen 22  
19792 Bro  
SWEDEN

Name : **Frozen Tundra's Zhorah  
Tj\*Se**

Specie : **Cat**  
Breed : **Sibérien**

ID Number : **752 096 700 128 222**  
Pedigree Number : **(SE) Sveraks LO 375306**

Gender : **Male**  
Birth date : **06/04/2020**

Owner :  
**BORNSTRAND Susanne**  
19792 Bro (SE)  
Customer Nb : C143582

Sample Number : **764 321**  
Sample type : Cheek swab sample  
Sample date : 06/08/2021  
Request date : 12/08/2021

Sample realized by :  
**STAVENBORN Monica** (Veterinarian)  
SE19793 Bro (SE)  
Official Nb : **1035**  
Authenticated sample

File Nu. : 203 494  
Animal Number : 256 395  
Result code : 491663

## Sunshine and Bimetal Coat Colours (SUNSHINE)

Result : **Mutated homozygous**

Interpretation : The animal has 2 Sunshine copies of the CORIN gene. The sunshine coat colour is expressed in tabby cats, the bimetal coat colour is expressed in silver tabby cats. The animal will transmit the variant sunshine to 100% of its progeny.

Alexia Grandferry  
Genetic Analyst



Magali Kernalleguen  
Genetic Analyst



Result established on 19/08/2021

Certificate issued on 19/08/2021

### Explanation

This test is specific to sunshine and bimetal coat colours in cats. The sunshine colour is expressed on tabby cats. It can be combined with the silver modification, thus giving the bimetal colour (sunshine silver). This test relies on the detection of the c.2383C>T mutation in the CORIN gene (Beauvois et al. 2021). This test can not be used to detect genetically patterns or other coat colours.

The laboratory ANTAGENE puts at its disposal all resources and means necessary with regards to reliability, quality assurance, and traceability in order to guarantee a result of 99% accuracy.