

Certificate

Dog: Angel v.d. Vreehoeve Rottweilers**Sample ID: 2301N00182**

Breed:	Rottweiler	Chip No.:	528140000821582
Gender:	Female	Stud book No.:	NHSB 3232050
Date of birth:	07.04.21	Tattoo No.:	---

Coat length I (long or short hair)

HIHd1 SNP G284T: Genotype L/L

Please note:

Further causative mutations for longhaired have been found in the following breeds:

Afghan Hound, Akita Inu, Alaskan Malamute, Chow Chow, Eurasian, French Bulldog, Husky, Prague Rattler, Shar Pei, Samoyed The additional mutations might be responsible for longhair in further breeds.

Interpretation:

The test detects the alleles L (shorthair) and I (longhair) in the FGF5 gene.

Allelic series: L dominant over I

solely genotype L/L: The analysed sample is homozygous for the L-allele for short-haired.

exactly one genotype L/I: The analysed sample is heterozygous for the L-allele and the I-allele. The I-allele for long-haired is forwarded to 50% of the dogs offspring.

multiple Genotypes L/I: The analysed sample is heterozygous for the L-allele and the I-allele on more than one gene-locus. The dog inherits the I-allele for long-haired to it's offspring.

at least one genotype I/I: The analysed sample is homozygous for the I-allele for long-haired.

Bad Kissingen, 12.01.2023



Fr.Dipl.-Biol. Bärbel Gunreben



Deutsche
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