

Test Result

Sample ID: 2212-W-32521
Report Date: 23/12/2022

Veterinary Surgeon

DR. K R SMITH
SPECIALIST - SMALL ANIMAL SURGERY
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Owner

KYM NIXON
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AUSTRALIA

yarnixrotts@gmail.com

Animal Details

Animal:	CANINE	D.O.B	04/03/2021
Name	JAPJOVE DELAWARE SLIDE (SLIDE)	Microchip No.	953010004561203
Breed	ROTTWEILER	KC Reg	
Sex	FEMALE	Tattoo No.	

Sample

Sample Material	SWAB	Sample received:	15/12/2022
Sample Date:			

Test

Test Name:	8124 Coat (Hair) Length I (H1Hd1 SNP G284T)
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Result

Genotype: L/L

Interpretation: The test detects the alleles L (shorthair) and l (longhair) in the FGF5 gene.

Allelic series: L dominant over l
solely genotype L/L: The analysed sample is homozygous for the L-allele for short-haired.

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

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

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

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.

***** END OF RESULT *****

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