

Sample ID: 2309-W-55253
Report Date: 08/09/2023
Our Ref: 7932

Veterinary Surgeon

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Owner

Mrs Cheryl United Kingdom reinglengsds@reinglen.co.uk

Animal Details

Animal: Dog (Canine)	D.O.B 14/12/2022
Name Grimm's Fairytale at Reinglen (Grimm)	Microchip No. 953010006329240
Breed German Shepherd	Registration BA18440207
Sex Male	Tattoo No.

Sample

Sample Material Swab	Sample received: 30/08/2023
Sample Date: 29/08/2023	

Test

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

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
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.
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 *****