

Genetic Summary Report

Animal Name: Freddie

Owner:

Sarah @ Waterhill

Membership Number : 6094ca45-f1d5-4a6b-a33c-fca60d0e80fc

Member Body/Breed Club: RightPaw

Approved Collection Method: Yes



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Genetic Summary Report

Owner's details

Name: Sarah @ Waterhill

Animal's Details

Registered Name : Waterhill Fred Astaire

Pet Name : Freddie

Registration Number :

Breed: : Cavoodle

Microchip Number : 991003002598822

Sex: : Intact Male

Date of Birth : 30th Jan 2024

Colour : Red

Sample Collection Details

Case Number : 24E69193

Collected By : S.C Bryce

Approved Collection : Yes

Sample Type : SWAB

Test Details

Test Requested : Cavoodle (Cavapoo) - Full Breed Profile

Pet Name : Freddie

Date of Test : 29th Jul 2024

Authorisation

Sample with Lab ID Number 24E69193 was received at Orivet Genetics, DNA was extracted and analysed with the following result reported:



.....
Orivet Genetic Analyst





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Health Tests Reported

Diseases	Result
Congenital Macrothrombocytopenia	NEGATIVE / CLEAR [NO VARIANT DETECTED]
Congenital Methemoglobinemia (Poodle and Pomeranian Type)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
Curly Coat Dry Eye Syndrome (Cavalier Type)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
Degenerative Myelopathy	CARRIER [ONE COPY OF THE VARIANT DETECTED]
Elliptocytosis B-spectrin (Labrador Retriever/Poodle Type)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
Episodic Falling Syndrome (Cavalier Type)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
Exercise Induced Collapse (Retriever Type)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
Myxomatous Mitral Valve Disease 1 [NEBL535 Risk Variant]	NEGATIVE FOR NEBL1_535 RISK VARIANT - LINKED TO NEBL3_724 CANDIDATE VARIANT
Myxomatous Mitral Valve Disease 2 [NEBL576 Risk Variant]	NEGATIVE FOR NEBL2_576 RISK VARIANT - LINKED TO NEBL3_724 CANDIDATE VARIANT
Myxomatous Mitral Valve Disease 3 [NEBL724 Candidate Variant]	HETEROZYGOUS (A/G) FOR NEBL3_724 CANDIDATE VARIANT - LESS LIKELY FOR EARLY ONSET MMVD (REFER TO OTHER VARIANTS)
Myxomatous Mitral Valve Disease 4 [NEBL890 Risk Variant]	NEGATIVE FOR NEBL4_890 RISK VARIANT - NO PUBLISHED ASSOCIATION TO NEBL3_724 CANDIDATE VARIANT
Myxomatous Mitral Valve Disease 5 [NEBL498 Risk Variant]	NEGATIVE FOR NEBL5_498 RISK VARIANT - NO PUBLISHED ASSOCIATION TO NEBL3_724 CANDIDATE VARIANT

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Health Tests Reported (Continued)

Diseases	Result
Neonatal Encephalopathy (Poodle Type)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
Osteochondrodysplasia (Min Poodle Type)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
Prekallikrein Deficiency (Shih Tzu Type)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
Progressive Rod Cone Degeneration (prcd) - PRA	NEGATIVE / CLEAR [NO VARIANT DETECTED]
von Willebrand's Disease Type I	NEGATIVE / CLEAR [NO VARIANT DETECTED]

WATERHILL

Owner's Name : Sarah @ Waterhill

Pet Name : Freddie

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Health Tests Reported (Continued)

Traits	Result
E Locus - (Cream/Red/Yellow)	e/e - HOMOZYGOUS FOR NON-EXTENSION [WHITE/YELLOW/APRICOT/WHEATEN]
I Pheomelanin Locus Colour Intensity	I/I - NO COPY OF MFSD12 INTENSITY/CREAM ALLELE (NOT LIKELY TO SHOW EXTREME DILUTION)
Brown Deletion = Bd	B ^d /B ^d - DOES NOT CARRY BROWN/RED/LIVER or CHOCOLATE [DELETION]
Brown Stop Codon = Bs	B ^s /B ^s - DOES NOT CARRY BROWN/RED/LIVER or CHOCOLATE [STOP CODON]
Brown Insertion = Bc	B ^c /b ^c - CARRIER OF BROWN/LIVER/RED/CHOCOLATE [INSERTION]
D (Dilute) Locus	D/D - NO COPY OF MLPH-D ALLELE (DILUTE) - PIGMENT IS NORMAL
K Locus (Dominant Black)	k ^l /k ^l - RECESSIVE NON- BLACK [COLOUR PATTERN DETERMINED BY A LOCUS]
A Locus (Agouti)	a ^t /a ^t - TAN POINTS/BLACK & TAN or TRICOLOUR MAY BE BRINDLED [SEE K LOCUS]
Pied (BOTH SINE and REPEAT VARIANTS)	S/sp - CARRIER OF PIEBALD [LIMITED WHITE SPOTTING, FLASH OR PARTI]
M Locus (Merle/Dapple)	m [171bp] / m [171bp] - NON MERLE SOLID COAT (NO CHANGE TO COAT or EYE COLOUR)
Long Hair Gene (Canine C95F)	POSITIVE - SHOWING THE PHENOTYPE
Shedding (MC5R)	SHD/SHD [LOW SHEDDING] - NO COPIES OF THE SHEDDING (MC5R) VARIANT DETECTED [REFER TO R151W (IC) FOR LEVEL]
Coat Composition CFA28 Gene (Double/Single Coat)	UDC/UDC - NO COPY OF THE DOUBLE COAT (DENSE UNDERCOAT) PHENOTYPE DETECTED

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Curly Coat/Hair Curl (KRT71 R151W)	ONE COPY OF THE R151W (CU/Cu) VARIANT DETECTED - MOST LIKELY TO HAVE MODERATE 'WAVY' CURLY COAT PHENOTYPE
Curly Coat Phenotype (KRT71 - p.Ser422ArgfsTer)	NEGATIVE FOR THE KRT71 (p.Ser422ArgfsTer) VARIANT - NOT SHOWING THE CURLY COAT (C2) PHENOTYPE
Improper Coat/Furnishings (RSPO2)	F/IC - CARRIES ONE COPY OF THE IMPROPER COAT/FURNISHINGS (OPEN FACE) - WILL HAVE FURNISHINGS (PROPER COAT)

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