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Genetic Summary Report

Health Tests Reported

Breed Sense	Diseases	Result
✓	Congenital Macrothrombocytopenia	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Degenerative Myelopathy	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Elliptocytosis B-spectrin (Labrador Retriever/Poodle Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Neonatal Encephalopathy (Poodle Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Progressive Retinal Atrophy RCD4	CARRIER (P/N) - [ONE COPY OF THE VARIANT DETECTED]
✓	Progressive Rod Cone Degeneration (prcd) - PRA	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	von Willebrand's Disease Type I	NORMAL (N/N) - [NO VARIANT DETECTED]
	Chondrodystrophy (CDDY) & Intervertebral Disc Disease (IVDD) [RESEARCH ONLY]	NORMAL (N/N) FOR BOTH THE CFA18 (SHORT LIMB) & CFA12 (IVDD)
	Osteochondrodysplasia (Min Poodle Type)	NORMAL (N/N) - [NO VARIANT DETECTED]



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Health Tests Reported (Continued)

Breed Sense	Traits	Result
✓	E Locus - (Cream/Red/Yellow)	E/e - BLACK CARRIES EXTENSION [YELLOW/WHITE/APRICOT/RUBY/RED]
✓	EM (MC1R) Locus - Melanistic Mask	E ^m /E ⁿ - ONE COPY OF MASK ALLELE DETERMINED BY A SERIES
✓	I Pheomelanin Locus Colour Intensity	I/i- ONE COPY OF THE MFSD12 INTENSITY/CREAM ALLELE (NOT LIKELY TO SHOW EXTREME DILUTION)
✓	Brown TYRP1 [Lancashire Heeler Type] = BI	B ^l /B ^l - DOES NOT CARRY BROWN/LIVER [TYRP1]
✓	D (Dilute) Locus	D/D - NO COPY OF MLPH-D ALLELE (DILUTE) - PIGMENT IS NORMAL
✓	K Locus (Dominant Black)	K/K - DOMINANT BLACK - SOLID [WILL NOT BE BRINDLED or EXPRESS AGOUTI]
✓	A Locus (Agouti)	a/a - RECESSIVE SOLID BLACK/BICOLOUR
✓	Pied (BOTH SINE and REPEAT VARIANTS)	S/sp - CARRIER OF PIEBALD [LIMITED WHITE SPOTTING, FLASH OR PARTI]
✓	M Locus (Merle/Dapple)	m/m [171/171bp] - NON MERLE SOLID COAT (NO CHANGE TO COAT COLOUR)
✓	Curly Coat/Hair Curl (KRT71 R151W)	POSITIVE FOR THE R151W (Cu/Cu) VARIANT - LIKELY TO HAVE CURLY (TIGHT) HAIR PHENOTYPE
✓	Improper Coat/Furnishings (RSPO2)	F/F - POSITIVE FOR IMPROPER COAT/FURNISHINGS (OPEN FACE) - WILL SHOW FURNISHINGS
	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]



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Breed Sense	Traits	Result
	Brown Insertion = Bc	B ^c /B ^c - DOES NOT CARRY BROWN/RED/LIVER or CHOCOLATE [INSERTION]
	Curly Coat Phenotype (KRT71 - p.Ser422ArgfsTer)	NEGATIVE FOR THE KRT71 (p.Ser422ArgfsTer) VARIANT - NOT SHOWING THE CURLY COAT (C2) PHENOTYPE