



Orivet

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Genetic Summary Report



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Health Tests Reported

Breed Sense	Diseases	Result
✓	Congenital Macrothrombocytopenia	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Degenerative Myelopathy	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Osteochondrodysplasia (Min Poodle Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Progressive Retinal Atrophy RCD4	NORMAL (N/N) - [NO 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]
	Mucopolysaccharidosis VI (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 - HOMOZYGOUS FOR NON-EXTENSION [WHITE/YELLOW/APRICOT/WHEATEN]
✓	EM (MC1R) Locus - Melanistic Mask	E ⁿ /E ⁿ - NO MELANISTIC MASK (E ⁿ) EXTENSION ALLELE
✓	I Pheomelanin Locus Colour Intensity	i/i- TWO COPIES OF THE MFSD12 INTENSITY/CREAM ALLELE (LIKELY TO SHOW EXTREME DILUTION)
✓	Brown TYRP1 [Lancashire Heeler Type] = Bl	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)	KB / k ^{bl} or k ^{br} - ONE COPY DOMINANT BLACK (KB) and ONE COPY OF NON-BLACK (k ^{bl}) dog MAY be brindled
✓	A Locus (Agouti)	a ^t /a - TRI COLOUR / TAN POINTS CARRIES SOLID COLOUR/BICOLOUR
✓	Pied (BOTH SINE and REPEAT VARIANTS)	S/S - NO PIEBALD, WHITE SPOTTING, FLASH OR PARTI COAT COLOUR
✓	M Locus (Merle/Dapple)	m [171bp] / m [171bp] - NON MERLE SOLID COAT (NO CHANGE TO COAT or EYE 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]
	Long Hair Gene (Canine C95F)	POSITIVE - SHOWING THE PHENOTYPE
	Body Size IGSF1 "Bulky Gene"	NO COPY INSULIN LIKE GROWTH FACTOR (IGF1R) - ASSOCIATED WITH A REDUCTION of BODY (BULKY) SIZE