

Coat Color and Trait Certificate

Call Name:	Makena	Barcode:	25FB22679
Registered Name:	Moonlit Acres Makena's Maui Mai Tai	Registration:	WALA00102452
Breed:	Australian Labradoodle	Certificate Date:	24th Sep 2025
Sex:	Female	Microchip Number:	900235000692900
DOB:	2nd Apr 2025		

This canine's DNA showed the following genotype(s):

Breed Sense	Coat Color/Trait Test	Genotype	Interpretation
✔	Brown Stop Codon = Bs		B ^s /B ^s - DOES NOT CARRY BROWN/RED/LIVER or CHOCOLATE [STOP CODON]
✔	Brown TYRP1 [Lancashire Heeler Type] = Bl		B ^L /B ^L - DOES NOT CARRY BROWN/LIVER [TYRP1]
✔	Brown Insertion = Bc		b ^c /b ^c - BROWN/CHOCOLATE, LIVER OR RED [INSERTION]
✔	Brown Deletion = Bd		B ^d /b ^d - CARRIER OF BROWN/LIVER/RED/CHOCOLATE [DELETION]
✔	I Pheomelanin Locus Colour Intensity		i/i - TWO COPIES OF THE MFSD12 INTENSITY/CREAM ALLELE (LIKELY TO SHOW EXTREME DILUTION)
✔	K Locus (Dominant Black)		KB / k ^y or k ^{br} - ONE COPY DOMINANT BLACK (KB) and ONE COPY OF NON-BLACK (k ^y) dog MAY be brindled
✔	A Locus (Agouti)		a ^t /a - TRI COLOUR / TAN POINTS CARRIES SOLID COLOUR/BICOLOUR

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✔	Pied (BOTH SINE and REPEAT VARIANTS)		sp/sp - TWO COPIES OF PIEBALD [NEARLY SOLID WHITE, PARTI COAT COLOUR]
✔	M Locus (Merle/Dapple)		PENDING [RESULT IS PROCESSING]
✔	E Locus - (Cream/Red/Yellow)		E/E - DOMINANT BLACK DOES NOT CARRY YELLOW/RED/WHITE
✔	Ticking & Roan (TR)		R/R ^{Ti} - ROAN CARRIES TICKING
✔	D (Dilute) Locus		D/D - NO COPY OF MLPH-D ALLELE (DILUTE) - PIGMENT IS NORMAL
✔	Pheomelanin Intensity CFA15 (Retriever and Poodle Type)		I/i- ONE COPY OF THE CFA15 INTENSITY ALLELE (NOT LIKELY TO SHOW EXTREME DILUTION)

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✔	Shedding (MC5R)		SHD/SHD [LOW SHEDDING] - NO COPIES OF THE SHEDDING (MC5R) VARIANT DETECTED [REFER TO R151W (IC) FOR LEVEL]
✔	Curly Coat/Hair Curl (KRT71 R151W)		NEGATIVE FOR THE R151W (CU/CU) VARIANT - NOT SHOWING THE CURLY COAT PHENOTYPE
✔	Furnishings (RSPO2)		F/F - TWO COPIES OF FURNISHINGS - WILL SHOW FURNISHINGS
	Oculocutaneous Albinism (Small Breed Type)		NEGATIVE - NOT SHOWING THE PHENOTYPE
	Black and Tan/Saddle Coat Colour		CARRIER - CARRYING ONE COPY OF THE PHENOTYPE
	Long Hair Gene (Canine C95F)		POSITIVE - SHOWING THE PHENOTYPE

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	Long Hair Gene (Canine DUP GG)		NEGATIVE - NOT SHOWING THE PHENOTYPE
	Coat Composition CFA28 Gene (Double/Single Coat)		udc/udc - TWO COPIES OF THE DOUBLE COAT (DENSE UNDERCOAT) PHENOTYPE DETECTED
	Curly Coat Phenotype (KRT71 - p.Ser422ArgfsTer)		NEGATIVE FOR THE KRT71 (p.Ser422ArgfsTer) VARIANT - NOT SHOWING THE CURLY COAT (C2) PHENOTYPE
	Body Size IGSF1 "Bulky Gene"		NO COPY INSULIN LIKE GROWTH FACTOR (IGF1R) - ASSOCIATED WITH A REDUCTION of BODY (BULKY) SIZE
	Dilute D2 Variant (Chow Chow Type)		D ² /D ² - NO COPY OF d2 ALLELE (DILUTE) - PIGMENT IS NORMAL
	Natural Bob Tail (Short Tail Phenotype)		NEGATIVE - NOT SHOWING THE PHENOTYPE

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	Harlequin (H) Pattern (Great Dane Type)		H/H - DOES NOT CARRY AND WILL NOT EXPRESS ANY HARLEQUIN PATTERN
	B Locus (Brown) - Siberian Husky Type		B ^h /B ^h - NO COPY OF THE BROWN/RED [SIBERIAN HUSKY TYPE] VARIANT DETECTED
	Cocoa/Brown HPS3 [French Bulldog Type] = Co		B ^{co} /B ^{co} - NO COPY OF THE HPS3 COCOA VARIANT
	Pheomelanin Intensity CFA18 (Poodle/Coonhound Type)		I/I - NO COPY OF CFA18 INTENSITY ALLELE (NOT LIKELY TO SHOW EXTREME DILUTION)
	E Locus (Ancient Red) - eA (Spitz and Scent Hound Type)		E ^a /E ^a - NO COPIES OF ANCIENT RED DETECTED
	Eh Locus (Sable, Cocker Spaniel Type)		E ^h /E ^h - NO COPIES OF e ^h (SABLE COAT COLOUR) DETECTED

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	Hairlessness (American Hairless Terrier Type)		NEGATIVE - NOT SHOWING THE PHENOTYPE
	Hairlessness (Scottish Deerhound Type)		NEGATIVE - NOT SHOWING THE PHENOTYPE
	Himalayan Colour Pattern		H/H - DOES NOT CARRY AND WILL NOT EXPRESS ANY HIMALAYAN COLOUR PATTERN
	L Locus (Long Hair/Fluffy) - Lh2 (Akita, Eurasier, Samoyed, Siberian Husky Type)		L ² /L ² - NO COPY OF THE L2 (ARCTIC BREED TYPE) LONG HAIR PHENOTYPE DETECTED
	L Locus (Long Hair/Fluffy) - Lh3 (Eurasier Breed Type)		L ³ /L ³ - NO COPY OF THE L3 (EURASIER BREED TYPE) LONG HAIR PHENOTYPE DETECTED
	Pheomelanin Colour Intensity CFA2 (Various Breeds)		I/I - NO COPY OF CFA2 INTENSITY ALLELE (NOT LIKELY TO SHOW EXTREME DILUTION)

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	Brown TYRP1 [Australian Shepherd Type] = Ba		B ^a /B ^a - NO COPY OF THE BROWN/RED c.555T>G VARIANT [AUSTRALIAN SHEPHERD TYPE] DETECTED
	Pheomelanin Colour Intensity CFA21 (Various Breeds)		i/i- TWO COPIES OF THE CFA21 INTENSITY ALLELE (LIKELY TO SHOW EXTREME DILUTION)
	Polydactyl/Dewclaws		NEGATIVE - NOT SHOWING THE PHENOTYPE
	Polydactyl (Great Pyrenees Type)		NEGATIVE - NOT SHOWING THE PHENOTYPE
	E Locus (Cattle Dog Cream Variant) e2		E ² /E ² - DOMINANT BLACK DOES NOT CARRY "AUSTRALIAN CATTLE DOG" TYPE CREAM
	E Locus (Artic Breeds Pale/Yellow/White Variant) e3		E ³ /E ³ - DOMINANT BLACK DOES NOT CARRY "HUSKY TYPE" PALE YELLOW/WHITE

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	EM (MC1R) Locus - Melanistic Mask		E^n/E^n - NO MELANISTIC MASK (E^n) EXTENSION ALLELE
	EG Locus (Grizzle)		Eg/Eg - NO GRIZZLE PHENOTYPE
	Behaviour Propensity (Belgian Shepherd Type), Variant 2		A10/A10 - GENOTYPE NOT ASSOCIATED WITH ADVERSE BEHAVIOUR OF BELGIAN MALINOIS
	Oculocutaneous Albinism (Bullmastiff)		NEGATIVE - NOT SHOWING THE PHENOTYPE

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✓	Sex Determination - ZFX Y		DOG IS FEMALE
	Broad Ear		A/G - HETEROZYGOUS

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	D Locus (Dilute) - d3		D ³ /D ³ - NO COPY OF d3 ALLELE (DILUTE) - PIGMENT IS NORMAL
	Ear Fold (Floppy/Erect)		A/A - LIKELY FLOPPY EARS