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"ECLIPSE"

M 8286

Poodle (Small)

SUMMARY

TRAITS

MATERNAL HAPLOTYPE

PATERNAL HAPLOTYPE

Explore the genetics behind your dog's appearance and size.



Coat Color

E Locus (MC1R)	Can have a melanistic mask (E^mE)
K Locus (CBD103)	More likely to have a patterned haircoat (k^Yk^Y)
Intensity Loci LINKAGE	Any light hair likely yellow or tan (Intermediate Red Pigmentation)
A Locus (ASIP)	Black/Brown and tan coat color pattern ($a^t a^t$)
D Locus (MLPH)	Dark areas of hair and skin are not lightened (DD)
Cocoa (HPS3)	No co alleles, not expressed (NN)
B Locus (TYRP1)	Black or gray hair and skin (Bb)
Saddle Tan (RALY)	Not saddle tan patterned (II)
S Locus (MITF)	Likely flash, parti, piebald, or extreme white (spsp)
M Locus (PMEL)	No merle alleles (mm)

R Locus (USH2A) LINKAGE

Likely no impact on coat pattern (rr)

H Locus (Harlequin)

No harlequin alleles (hh)

Other Coat Traits

Furnishings (RSP02) LINKAGE

Likely furnished (mustache, beard, and/or eyebrows) (FF)

Coat Length (FGF5)

Likely long coat (TT)

Shedding (MC5R)

Likely light shedding (CC)

Hairlessness (FOXI3) LINKAGE

Very unlikely to be hairless (NN)

Hairlessness (SGK3)

Very unlikely to be hairless (NN)

Oculocutaneous Albinism Type 2
(SLC45A2) LINKAGE

Likely not albino (NN)

Coat Texture (KRT71)

Likely curly coat (TT)



Other Body Features

Muzzle Length (BMP3)

Likely medium or long muzzle (CC)

Tail Length (T)

Likely normal-length tail (CC)

Hind Dewclaws (LMBR1)

Unlikely to have hind dew claws (CC)

Blue Eye Color (ALX4) LINKAGE

Less likely to have blue eyes (NN)

Back Muscling & Bulk, Large Breed
(ACSL4)

Likely normal muscling (CC)



Body Size

Body Size (IGF1)

Smaller (II)

Body Size (IGFR1)

Intermediate (GA)

Body Size (STC2)

Smaller (AA)

Body Size (GHR - E191K)

Smaller (AA)

Body Size (GHR - P177L)

Intermediate (CT)

Performance

Altitude Adaptation (EPAS1)

Normal altitude tolerance (GG)

Appetite (POMC) LINKAGE

Normal food motivation (NN)

Explore

 Maternal Line



 Paternal Line



The resource for canine genetic testing and discovery

LEARN MORE
([HTTPS://EMBARKVET.COM/BREEDER/](https://embarkvet.com/breeder/))



Breed-Relevant Genetic Health Conditions

The reports on this page are for genetic health conditions that are relevant to ECLIPSE's breed.

Research studies indicate that, based on your dog's breed, these results may influence your dog's chances of developing certain health conditions.

Results

Intervertebral Disc Disease (Type I) (FGF4 retrogene - CFA12)

Identified in Small Poodles



Von Willebrand Disease Type I (VWF)

Identified in Small Poodles

Variant not detected



Progressive Retinal Atrophy, prcd (PRCD Exon 1)

Identified in Small Poodles

Variant not detected



GM2 Gangliosidosis (HEXB, Poodle Variant)

Identified in Small Poodles

Variant not detected



Neonatal Encephalopathy with Seizures, NEWS (ATF2)

Identified in Small Poodles

Variant not detected



Osteochondrodysplasia (SLC13A1)

Identified in Small Poodles

Variant not detected



 **Send to Your Veterinarian**