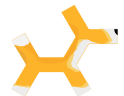




Explore the genetics behind your dog's appearance and size.



Coat Color

SEE DETAILS
(/MEMBERS/RESULTS/TRAITSCATEGORY/COAT-COLOR)

E Locus (MC1R)

No dark mask or grizzle (Ee)
(/members/results/traits-category/coat-color#MC1R)

K Locus (CBD103)

More likely to have a patterned haircoat (k^Yk^Y)
(/members/results/traits-category/coat-color#CBD103_K)

Intensity Loci LINKAGE

Any light hair likely white or cream (Dilute Red Pigmentation) (/members/results/traits-category/coat-color#Intensity_red_pigment)

A Locus (ASIP)

Fawn Sable coat color pattern (a^Ya^t)
(/members/results/traits-category/coat-color#ASIP)

D Locus (MLPH)

Dark areas of hair and skin are not lightened (DD)
(/members/results/traits-category/coat-color#MLPH_D)

B Locus (TYRP1)

Black or gray hair and skin (Bb)
(/members/results/traits-category/coat-

color#TYRP1)

Saddle Tan (RALY)

Not expressed (NI) (/members/results/traits-category/coat-color#RALY_Saddle_trait_gene)

S Locus (MITF)

Likely solid colored, but may have small amounts of white (Ssp) (</members/results/traits-category/coat-color#MITF>)

M Locus (PMEL)

No merle alleles (mm) (/members/results/traits-category/coat-color#PMEL_Merle)

H Locus (Harlequin)

No harlequin alleles (hh) (/members/results/traits-category/coat-color#PSMB7_H)



Other Coat Traits

SEE DETAILS
(</MEMBERS/RESULTS/TRAITSCATEGORY/OTHER-COAT-TRAITS>)

Furnishings (RSPO2) LINKAGE

Likely furnished (mustache, beard, and/or eyebrows) (FF) (/members/results/traits-category/other-coat-traits#RSPO2_moustache)

Coat Length (FGF5)

Likely long coat (TT) (</members/results/traits-category/other-coat-traits#FGF5>)

Shedding (MC5R)

Likely light shedding (CC)
(/members/results/traits-category/other-coat-traits#MC5R_shedding)

Hairlessness (FOXI3) LINKAGE

Very unlikely to be hairless (NN)
(/members/results/traits-category/other-coat-traits#FOXI3_hairlessness)

traits#FOXI3_Hairless_Linkage)

Hairlessness (SGK3)

Very unlikely to be hairless (NN)
(/members/results/traits-category/other-coat-traits#SGK3_Hairless)

Oculocutaneous Albinism Type 2
(SLC45A2) LINKAGE

Likely not albino (NN) (/members/results/traits-category/other-coat-traits#SLC45A2_oculocutaneous_albinism_type_2_doberman_Z_factor)

Coat Texture (KRT71)

Likely curly coat (TT) (/members/results/traits-category/other-coat-traits#KRT71_CurlyCoat)



Other Body Features

SEE DETAILS
(/MEMBERS/RESULTS/TRAITSCATEGORY/OTHER-BODY-FEATURES)

Muzzle Length (BMP3)

Likely medium or long muzzle (CC)
(/members/results/traits-category/other-body-features#BMP3_Muzzle)

Tail Length (T)

Likely normal-length tail (CC)
(/members/results/traits-category/other-body-features#T_C189G_Bobtail)

Hind Dewclaws (LMBR1)

Unlikely to have hind dew claws (CC)
(/members/results/traits-category/other-body-features#LMBR1_Claw)

Blue Eye Color (ALX4) LINKAGE

Less likely to have blue eyes (NN)
(/members/results/traits-category/other-body-features#ALX4_Blue_Eyes_Linkage)

**Back Muscling & Bulk, Large Breed
(ACSL4)**

Likely normal muscling (CC)
[\(/members/results/traits-category/other-body-features#ACSL4_Bulky_trait_gene\)](/members/results/traits-category/other-body-features#ACSL4_Bulky_trait_gene)



Body Size

SEE DETAILS
[\(/MEMBERS/RESULTS/TRAITS-CATEGORY/BODY-SIZE\)](/MEMBERS/RESULTS/TRAITS-CATEGORY/BODY-SIZE)

Body Size (IGF1)

Smaller (II) [\(/members/results/traits-category/body-size#IGF1_size\)](/members/results/traits-category/body-size#IGF1_size)

Body Size (IGFR1)

Larger (GG) [\(/members/results/traits-category/body-size#IGFR1_toy\)](/members/results/traits-category/body-size#IGFR1_toy)

Body Size (STC2)

Larger (TT) [\(/members/results/traits-category/body-size#STC2_size\)](/members/results/traits-category/body-size#STC2_size)

Body Size (GHR - E191K)

Larger (GG) [\(/members/results/traits-category/body-size#GHR_size1\)](/members/results/traits-category/body-size#GHR_size1)

Body Size (GHR - P177L)

Larger (CC) [\(/members/results/traits-category/body-size#GHR_size2\)](/members/results/traits-category/body-size#GHR_size2)



Performance

SEE DETAILS
[\(/MEMBERS/RESULTS/TRAITS-CATEGORY/PERFORMANCE\)](/MEMBERS/RESULTS/TRAITS-CATEGORY/PERFORMANCE)

Altitude Adaptation (EPAS1)

Normal altitude tolerance (GG)
[\(/members/results/traits-category/performance#EPAS1_altitude\)](/members/results/traits-category/performance#EPAS1_altitude)

Appetite (POMC) LINKAGE

Normal food motivation (NN)
(/members/results/traits-
category/performance#POMC_appetite_linkage)