

<a href="#">A<sup>s</sup> Locus</a> <a href="#">Saddle Tan</a>	N/A <sup>s</sup>	Saddle tan/creeping tan (non saddle tan carrier)
<a href="#">B Locus</a> <a href="#">Brown</a>	B/B	Black coat, nose and foot pads
B Locus (Brown) - b <sup>a</sup>	0	
B Locus (Brown) - b <sup>c</sup>	0	
B Locus (Brown) - b <sup>d</sup>	0	
B Locus (Brown) - b <sup>s</sup>	0	
<a href="#">Brachycephaly</a>	BR/br	Likely medium to long muzzle (short muzzle carrier)
<a href="#">Chondrodysplasia</a> <a href="#">CDPA</a>	cd/cd	Likely typical leg length
<a href="#">Cu Locus</a> <a href="#">Curly Hair</a>	Cu/Cu	Straight coat
<a href="#">D Locus</a> <a href="#">Dilute</a>	D/D	Non dilute
D Locus (Dilute) - d <sup>1</sup>	0	
D Locus (Dilute) - d <sup>2</sup>	0	
<a href="#">E Locus</a> <a href="#">Yellow/Red</a>	E/E	Black
<a href="#">E<sup>g</sup> Locus</a> <a href="#">Grizzle, Afghan Hound Type</a>	N/N	No grizzle
<a href="#">E<sup>h</sup> Locus</a> <a href="#">Sable, Cocker Spaniel Type</a>	N/N	No sable
<a href="#">E<sup>m</sup> Locus</a> <a href="#">Melanistic Mask</a>	E <sup>m</sup> /N	Melanistic mask (carrier)
<a href="#">H Locus</a> <a href="#">Harlequin, Great Dane Type</a>	h/h	No harlequin
<a href="#">Hr Locus</a> <a href="#">FOX13 Hairless Gene Test, Mexican Hairless, Peruvian Hairless and Chinese Crested Type</a>	hr/hr	Coated
<a href="#">I Locus</a> <a href="#">Intensity</a>	I/i	Normal intensity (carrier)
<a href="#">IC Locus</a> <a href="#">Improper Coat/Furnishings</a>	IC/IC	No furnishings, improper coat
<a href="#">K Locus</a> <a href="#">Dominant Black</a>	k <sup>y</sup> /k <sup>y</sup>	Agouti expression allowed
<a href="#">L Locus</a> <a href="#">Long Hair/Fluffy</a>	Lh/Lh	Longhaired
L Locus (Long Hair/Fluffy) - Lh <sup>1</sup>	2	

<a href="#">M Locus</a> <a href="#">Merle</a>	m/M269	Single copy merle carrier
<a href="#">Polydactyly</a>	PD/pd	Likely polydactylous with hind dewclaws (typical toes carrier)
<a href="#">S Locus</a> <a href="#">White Spotting, Parti, or Piebald</a>	S/S	No white spotting, flash, parti, or piebald
<a href="#">SD Locus</a> <a href="#">Shedding</a>	SD/SD	High shedding
<a href="#">Sex Determination</a>	X/X	Female
<a href="#">T Locus</a> <a href="#">Natural Bobtail</a>	t/t	Normal tail

WT: wild type (normal) M: mutant Y: Y chromosome (male)

Determinants of coat colors and traits are complex. Many of these variants are known and many of the genes screened in the Canine HealthCheck interact. In addition, not all the genetic factors that contribute to a dog's coat color and traits are known. Because of the complexities in gene-gene interactions, the coat colors and traits reported in your Canine HealthCheck results may vary from your dog's actual appearance. Individual differences in genes throughout the canine genome, not tested in this genetic screen, may also affect the final coat color or traits seen in your dog.

## Diseases

Disease Name	Geno.	Interpretation
<a href="#">Acral Mutilation Syndrome</a>	WT/WT	Normal (Clear)
<a href="#">Acute Respiratory Distress Syndrome</a>	WT/WT	Normal (Clear)
<a href="#">Adult Paroxysmal Dyskinesia</a>	WT/WT	Normal (Clear)
<a href="#">Alaskan Husky Encephalopathy</a>	WT/WT	Normal (Clear)
<a href="#">Alaskan Malamute Polyneuropathy</a>	WT/WT	Normal (Clear)
<a href="#">Amelogenesis Imperfecta</a>	WT/WT	Normal (Clear)
<a href="#">Benign Familial Juvenile Epilepsy</a>	WT/WT	Normal (Clear)
<a href="#">Canine Multiple System Degeneration Chinese Crested Type</a>	WT/WT	Normal (Clear)
<a href="#">Canine Multiple System Degeneration Kerry Blue Terrier Type</a>	WT/WT	Normal (Clear)
<a href="#">Canine Scott Syndrome</a>	WT/WT	Normal (Clear)
<a href="#">Catalase Deficiency</a>	WT/WT	Normal (Clear)
<a href="#">Centronuclear Myopathy</a>	WT/WT	Normal (Clear)