

# Genetic Testing Report

**Porkchop**
**Submitted By**

David Miller

**Subject Dog**

 Dog Name: **Porkchop**  
 Breed: **French Bulldog**  
 Phenotype: **Fawn Brindle**  
 Sex: **Male**  
 Birth: **Jun 6, 2023**

 Lab Reference #: **962713**  
 Microchip: **9316**
**Disorder Results (4 of 17)**

CMR1	n/n	Clear: Dog is negative for the mutation associated with CMR1.
DM	n/DM	Heterozygous: Dog carries one copy of the mutation associated with Degenerative Myelopathy. In some breeds, there is a low risk of the dog developing the disorder
HUU	n/n	Clear: Dog is negative for the mutation associated with Hyperuricosuria.
JHC	n/n	Clear: Dog is negative for the mutation associated with Juvenile Hereditary Cataracts.

**Color Results (8 of 17)**

Albinism	n/n	Dog is negative for the allele causing albinism in some small breeds.
A-Locus	AY/at	Dog is fawn/sable and carries for tan point gene.
B-Locus	B/B	Dog does not carry the mutation for most forms of chocolate coloration.
Cocoa	co/co	Dog carries two copies of cocoa. Dog will have brown coat color.
D-Locus	D/D	Negative: Dog is negative for the mutation associated with a diluted coat color.
E-Locus (E, EM, eA, eW, e)	E/EM	Dog is negative for cream/yellow and ancient red, and has one copy of mask.
I Locus	n/Int	Dog has one copy of the allele associated with lighter phaeomelanin pigment.
K-Locus	n/n	Dog is negative for the KB allele, and the coat coloration will be based on the agouti genotype.

**Pattern Results (1 of 17)**

S-Locus	n/S	Heterozygous: Dog has one copy of S-Locus. Results vary according to breed, with some limited white spotting in some breeds.
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**Trait Results (4 of 17)**

Curl 1&2	n/n	The dog is negative for the hair curl allele. The dog will have non-curly hair, and will always pass on the allele responsible for non-curly hair to any offspring
Furnishings	n/n	Non-Furnished: Dog is negative for the furnishings mutation.
Hair Length (1-5)	L/L	Negative for long coat allele
Shedding	n/n	Dog has no copies of the shedding allele. The dog will have a low propensity towards shedding.