



3382 Capital Circle NE  
Tallahassee, FL 32308

## Genetic Testing Report

MM's Wanda

### Submitted By

Marvin W. Miller  
MM Kennel  
6564 TR 362  
Millersburg, OH 44654  
USA

### Owned By

Marvin W. Miller

### Subject Dog

Dog Name: **MM's Wanda**  
Breed: **French Bulldog**  
Phenotype:  
Sex: **Female**  
Birth: **Feb 7, 2022**

Lab Reference #: **758862**  
Registration: **NP73472405**  
Microchip: **202105000075384**

### Disorder Results (6 of 18)

CMR1	n/n	Clear: Dog is negative for the mutation associated with CMR1.
CY3- var. 2	n/n	Dog is negative for the variant linked to cystinuria in bulldogs.
CY3- var. 3	n/n	Dog is negative for variant somewhat linked to cystinuria in bulldogs.
DM	n/n	Clear: Dog is negative for mutation associated with Degenerative Myelopathy.
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 (7 of 18)

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	n/co	Dog carries one copy of the mutation associated with chocolate coat color in the French Bulldog.
D-Locus	d/d	Homozygous: Dog has two copies of the d1 mutation associated with a diluted coat color. The dog's base coat will be diluted.
E-Locus	EM/EM	Dog is negative for cream/yellow and has two copies of mask.
K-Locus	n/k <sup>B</sup>	Both the KB and negative alleles detected; dog can be brindled or express only the base coat.

### Pattern Results (1 of 18)

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.
---------	-----	--

### Trait Results (4 of 18)

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.