

# Genetic Testing Report

## Down Home's Nova

### Submitted By

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### Owned By

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### Subject Dog

Dog Name: **Down Home's Nova**Lab Reference #: **654407**Breed: **Miniature Poodle**

Phenotype:

Sex: **Female**Birth: **Jan 1**

### Disorder Results (6 of 16)

CDPA	<b>N/N</b>	Clear: Dog is negative for the CDPA mutation.
CDDY	<b>N/N</b>	Clear: Dog is negative for the mutation associated with CDDY.
DM	<b>n/n</b>	Clear: Dog is negative for mutation associated with Degenerative Myelopathy.
NEwS	<b>n/n</b>	Clear: Dog is negative for mutation associated with NEwS.
PRA-prcd	<b>n/n</b>	Negative: Dog is negative for the mutation associated with prcd-PRA.
vWD1	<b>n/n</b>	Clear: Dog is negative for the mutation associated with von Willebrand's Disease Type I.

### Color Results (5 of 16)

A-Locus	<b>at/at</b>	Dog has two copies of the gene causing tan points.
B-Locus	<b>B/b</b>	Dog carries one copy of the gene responsible for chocolate/brown coloration
D-Locus	<b>D/D</b>	Negative: Dog is negative for the mutation associated with a diluted coat color.
E-Locus	<b>EM/e</b>	Dog carries one copy of cream/yellow and has one copy of mask.
K-Locus	<b>n/n</b>	Dog is negative for the KB allele, and the coat coloration will be based on the agouti genotype.

### Pattern Results (1 of 16)

S-Locus	<b>S/S</b>	Homozygous: Dog has two copies of S-Locus resulting in a nearly solid white, parti, or piebald coat color.
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### Trait Results (4 of 16)

Curl 1&2	<b>C<sup>1</sup>/C<sup>1</sup></b>	The dog has two copies of the hair curl allele. The dog will have curly hair, and will always pass on a copy of the hair curl allele to any offspring. All offspring of this dog will have curly hair.
Furnishings	<b>F/F2</b>	Furnished: Dog has one copy of each of the mutations associated with furnishings. The dog will have a furnished coat but may pass the weaker F2 mutation to offspring.
Hair Length (1-5)	<b>l<sup>1</sup>/l<sup>1</sup></b>	Two copies of the long-hair allele, dog will have longer than average hair per the breed standard.
Shedding	<b>n/n</b>	Dog has no copies of the shedding allele. The dog will have a low propensity towards shedding.