



3382 Capital Circle NE  
Tallahassee, FL 32308

## Genetic Testing Report

Archer

### Submitted By

Amp Genetics

3861 Township Road #374  
Millersburg, OH 44654  
USA

### Owned By

Amp Genetics

3861 Township Road #374  
Millersburg, OH 44654  
USA

### Subject Dog

**Name:** Archer

**Breed:** Miniature Bernedoodle

**Phenotype:** Tri

**Sex:** Male

**Birth:** 11/29/2025

**Lab Reference #:** 953314

**Sample Date:** 12/18/2025

**Research Date:** 12/30/2025

### Disorder Results(7 of 18)

|          |     |                                                                                                                 |
|----------|-----|-----------------------------------------------------------------------------------------------------------------|
| CDDY     | N/C | At Risk: Dog has one copy of the CDDY mutation. Dog is at risk for IVDD and may pass the mutation to offspring. |
| CDPA     | N/N | Clear: Dog is negative for the CDPA mutation.                                                                   |
| DM       | n/n | Clear: Dog is negative for mutation associated with Degenerative Myelopathy.                                    |
| DM-B     | n/n | Clear: Dog is negative for mutation associated with Degenerative Myelopathy-b.                                  |
| NEwS     | n/n | Clear: Dog is negative for mutation associated with NEwS.                                                       |
| PRA-prcd | n/n | Negative: Dog is negative for the mutation associated with prcd-PRA.                                            |
| vWD1     | n/n | Clear: Dog is negative for the mutation associated with von Willebrand's Disease Type I.                        |



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#### Color Results(6 of 18)

|                            |              |                                                                                                  |
|----------------------------|--------------|--------------------------------------------------------------------------------------------------|
| 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 (E, EM, eA, eW, e) | <b>E/E</b>   | Dog is negative for cream/yellow, mask, and ancient red.                                         |
| I Locus                    | <b>n/Int</b> | Dog has one copy of the allele associated with lighter phaeomelanin pigment.                     |
| 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 18)

|         |            |                                                                               |
|---------|------------|-------------------------------------------------------------------------------|
| S-Locus | <b>n/n</b> | Negative: Dog is negative for the S-Locus. No white spotting will be present. |
|---------|------------|-------------------------------------------------------------------------------|

#### Trait Results(4 of 18)

|                   |                                    |                                                                                                                                                                                                        |
|-------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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/F</b>                         | Furnished: Dog has two copies of the furnishings mutation and will always produce offspring with a furnished coat.                                                                                     |
| 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.                                                                                                         |