

3382 Capital Circle NE  
Tallahassee, FL 32308

## Genetic Testing Report

### 2133-Male "Nash"

| Submitted By   | Owned By   |
|--|--|
| Happy Tail Pets, LLC<br><br>4460 Township Road 617<br>Millersburg, OH 44654<br>USA | Happy Tail Pets, LLC<br><br>4460 Township Road 617<br>Millersburg, OH 44654<br>USA |

| Subject Dog   |  |
|---|--|
| <b>Name:</b> 2133-Male "Nash"<br><b>Breed:</b> Bernedoodle<br><b>Phenotype:</b><br><b>Sex:</b> Male<br><b>Birth:</b> 10/09/2022 | <b>Lab Reference #:</b> 617027<br><b>Sample Date:</b> 10/15/2022<br><b>Research Date:</b> 07/13/2023 |

| Sire  | Dam   |
|---|---|
| <b>Sire:</b> Bubbles<br><b>Breed:</b> Miniature Poodle<br><b>Phenotype:</b> | <b>Dam:</b> Diamond + Beast 4361 "Dora"<br><b>Breed:</b> Bernedoodle<br><b>Phenotype:</b> |

| Disorder Results(5 of 15) |     |  |
|---------------------------|-----|--|
| DM                        | n/n | Clear: Dog is negative for mutation associated with Degenerative Myelopathy.   |
| DM-b                      | n/n | Dog is negative for both mutations associated with Degenerative Myelopathy in Bernese Mountain Dogs.                             |
| NEwS                      | n/n | Clear: Dog is negative for mutation associated with NEwS.  |
| PRA-prcd                  | n/P | Carrier: Dog is a carrier of the PRA-prcd mutation. Dog will not be affected by PRA-prcd but may pass the mutation to offspring. |
| vWD1                      | n/n | Clear: Dog is negative for the mutation associated with von Willebrand's Disease Type I.   |

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| Color Results(5 of 15)   |                                    |  |
|--------------------------|------------------------------------|--|
| A-Locus                  | <b>at/at</b>                       | Dog has two copies of the gene causing tan points.   |
| B-Locus                  | <b>B/B</b>                         | Dog does not carry the mutation for most forms of chocolate coloration.  |
| D-Locus                  | <b>D/D</b>                         | Negative: Dog is negative for the mutation associated with a diluted coat color.   |
| E-Locus                  | <b>E/E</b>                         | Dog is negative for cream/yellow and negative for 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 15) |                                    |  |
| S-Locus                  | <b>n/n</b>                         | Negative: Dog is negative for the S-Locus. No white spotting will be present.  |
| Trait Results(4 of 15)   |                                    |  |
| Curl 1&2                 | <b>n/n</b>                         | 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              | <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.   |