



VETERINARY GENETICS LABORATORY  
SCHOOL OF VETERINARY MEDICINE  
ONE SHIELDS AVENUE  
DAVIS, CALIFORNIA 95616-8744

TELEPHONE: (530) 752-2211  
FAX: (530) 752-3556

## DOG COAT COLOR / FUR TYPE / NATURAL BOBTAIL REPORT

|                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                   |
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| <b>HEATHER DEMILLE</b><br>640 S STATE ST<br>GENOLA, UT 84655                                                                                                                                           | <b>Case:</b> <b>NCD55996</b><br><b>Date Received:</b> 23-Jan-2017<br><b>Print Date:</b> 27-Jan-2017<br><b>Report ID:</b> 2501-0585-4566-7120<br>Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a> |
| <b>Name:</b> <b>POMSKY NORTHERNS' NAVEEN</b> <b>Reg:</b> <b>GEN04977178</b><br><b>DOB:</b> 08/13/2016 <b>Sex:</b> Male <b>Breed:</b> Pomsky <b>Microchip:</b> 985112007589559 <b>Color:</b> Blue Merle |                                                                                                                                                                                                                                                                   |
| <b>Sire:</b> KRISTOFF THE POMSKY <b>Reg:</b> CKC GEN04838365 IPA F11520<br><b>Dam:</b> ARENDELLE THE POMSKY <b>Reg:</b>                                                                                |                                                                                                                                                                                                                                                                   |

|                 |                                    |                                                |
|-----------------|------------------------------------|------------------------------------------------|
| MC1R (E LOCUS)  | <b>E/e</b>                         | 1 copy of black and 1 copy of red/yellow/cream |
| BROWN (TYRP1)   |                                    | Not requested.                                 |
| DILUTE (MLPH)   | <b>D/D</b>                         | Full color, no dilute gene present             |
| DOMINANT BLACK  |                                    | Not requested.                                 |
| AGOUTI          | <b>a<sup>w</sup>/a<sup>t</sup></b> | Dog has wild-sable and carries black-and-tan   |
| MERLE           |                                    | Not requested.                                 |
| PIEBALD         |                                    | Not requested.                                 |
| HARLEQUIN       |                                    | Not requested.                                 |
| COAT LENGTH     |                                    | Not requested.                                 |
| CURL            |                                    | Not requested.                                 |
| FURNISHINGS     |                                    | Not requested.                                 |
| IMPROPER COAT   |                                    | Not requested.                                 |
| NATURAL BOBTAIL |                                    | Not requested.                                 |
| DOBERMAN OCA    |                                    | Not requested.                                 |
| PANDA SPOTTING  |                                    | Not requested.                                 |

For more detailed information on Dog Coat Color results, please go to:  
[www.vgl.ucdavis.edu/services/coatcolordog.php](http://www.vgl.ucdavis.edu/services/coatcolordog.php)



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## CANINE PARENTAGE AND GENETIC MARKER REPORT

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| <b>HEATHER DEMILLE</b><br>640 S STATE ST<br>GENOLA, UT 84655                                                                                                 | <b>Case: NCD55996</b><br><b>Date Received: 23-Jan-2017</b><br><b>Print Date:</b> 25-Jan-2017<br><b>Report ID:</b> 3258-3513-4500-7033<br>Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a> |
| <b>Name: POMSKY NORTHERNS' NAVEEN</b> <b>Reg: GEN04977178</b><br><b>DOB: 08/13/2016 Sex: Male Breed: Pomsky Microchip: 985112007589559 Color: Blue Merle</b> |                                                                                                                                                                                                                                                            |
| <b>Sire: Kristoff The Pomsky</b> <b>Reg: CKC GEN04838365 IPA F11520</b><br><b>Dam: Arendelle The Pomsky</b> <b>Reg:</b>                                      |                                                                                                                                                                                                                                                            |

## PARENTAGE ANALYSIS

Pomsky Northerns' Naveen GEN04977178 qualifies as an offspring of Arendelle The Pomsky and Kristoff The Pomsky CKC GEN04838365 IPA F11520.

## GENETIC MARKERS

| LOCUS     | TYPE    | LOCUS     | TYPE    | LOCUS     | TYPE    |
|-----------|---------|-----------|---------|-----------|---------|
| AHT121    | 98/114  | AHT137    | 147/151 | AHTH130   | 113/127 |
| AHT171-A  | 221/235 | AHT260    | 246/248 | AHTk211   | 89/95   |
| AHTk253   | 288     | C22.279   | 116/124 | FH2001    | 136/144 |
| FH2054    | 156/176 | FH2328    | 176/200 | FH2848    | 240     |
| INRA21    | 95      | INU005    | 124     | INU030    | 148     |
| INU055    | 210/218 | LEI004    | 85/95   | REN105L03 | 231/233 |
| REN162C04 | 204     | REN169D01 | 212     | REN169O18 | 162/170 |
| REN247M23 | 268/270 | REN54P11  | 226/234 | REN64E19  | 147/149 |