



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

TELEPHONE: (530) 752-2211
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DOG COAT COLOR / FUR TYPE / NATURAL BOBTAIL REPORT

HEATHER DEMILLE 640 S STATE ST GENOLA, UT 84655	Case: NCD38704 Date: 11-Jan-2016 Print Date: 28-Jan-2016 Report ID: 5144-7054-9209-0055 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Name: GREY FEMALE Reg: DOB: 12/19/2015 Sex: Female Breed: Pomsky Microchip: 985112006210566 Color: Grey	
Sire: KRISTOFF THE POMSKY Reg: CKC GEN04838365 IPA F11520 Dam: ANNA THE POMSKY Reg: CKC GEN04838363 IPA F11564	

MC1R ALL VARIANTS	E/e	1 copy of black and 1 copy of red/yellow/cream
BROWN (TYRP1)		Not requested.
DILUTE (MLPH)	D/d	Full color, carries 1 copy of the dilute gene
DOMINANT BLACK		Not requested.
AGOUTI	a^t/a^t	Homozygous for black-and-tan
PIEBALD		Not requested.
HARLEQUIN		Not requested.
COAT LENGTH		Not requested.
CURL		Not requested.
FURNISHINGS		Not requested.
IMPROPER COAT		Not requested.
NATURAL BOBTAIL		Not requested.

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



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CANINE PARENTAGE AND GENETIC MARKER REPORT

HEATHER DEMILLE 640 S STATE ST GENOLA, UT 84655	Case: NCD38704 Date: 11-Jan-2016 Print Date: 28-Jan-2016 Report ID: 2840-7562-5034-6104 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Name: GREY FEMALE Reg: DOB: 12/19/2015 Sex: Female Breed: Pomsky Microchip: 985112006210566 Color: Grey	
Sire: Kristoff The Pomsky Reg: CKC GEN04838365 IPA F11520 Dam: Anna The Pomsky Reg: CKC GEN04838363 IPA F11564	

PARENTAGE ANALYSIS

Grey Female qualifies as an offspring of Anna The Pomsky CKC GEN04838363 IPA F11564 and Kristoff The Pomsky CKC GEN04838365 IPA F11520. Among the 2 males given to compare (NCD23720, NCD24674), only Kristoff The Pomsky CKC GEN04838365 IPA F11520 qualifies as a possible sire.

GENETIC MARKERS

LOCUS	TYPE	LOCUS	TYPE	LOCUS	TYPE
AHT121	100	AHT137	147/151	AHTH130	113/125
AHT171-A	221/235	AHT260	236/246	AHTk211	95
AHTk253	288/292	C22.279	116/118	FH2001	136/148
FH2054	168/172	FH2328	176/196	FH2848	238/240
INRA21	101/105	INU005	124/132	INU030	144/148
INU055	214/218	LEI004	85/95	REN105L03	231/233
REN162C04	204/206	REN169D01	208	REN169O18	162/170
REN247M23	268/270	REN54P11	226/234	REN64E19	139/149