DOG GENETIC DIVERSITY ANALYSIS

WALTER--BLAZE/LEO

Breed: Havanese

Sex: Male

Color: Red with White Markings

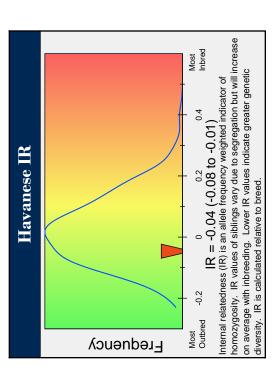
DOB: 2021

Reg:

Case: NCD148389

Print Date: April 8, 2021

Report ID: 8347-4417-5907-5168





	==	Havanese DLA	DLA
	DLA I	DLA II	DLA I DLA II Maintaining diversity in the DLA which
Haplotype 1	1087	2021	helps regulate immune responses is beneficial to a breed. Choosing mates
Haplotype 2	1117	2074	differing in their DLA naplotypes neips maintain diversity in litters.



Veterinary Genetics Laboratory
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SHANNON CLOUSE 12020 CREEKRIDGE LN CHASKA, MN 55318



CANINE GENETIC DIVERSITY TEST REPORT

Provided Information: Case: NCD148389

Name: WALTER--BLAZE/LEO Date Received: 31-Mar-2021 Report Issue Date: 08-Apr-2021

Registration: 8347-4417-5907-5168

Verify report at www.vgl.ucdavis.edu/verify

DOB: 01/24/2021 Sex: Male Breed: Havanese Color: Red with White Markings

Call Name: Walter

Sire: GCH BRYLEE'S LION HEART ROMANCE Dam: CH HAPPY PAWS' LITTLE DUTCH MAJICAL BLAZE OF GLORY

Reg: Reg: Microchip: Microchip:

INTERNAL RELATEDNESS

DLA HAPLOTYPE RESULT

DLA I DLA II

IR = -0.04 (-0.08 to -0.01) **Haplotype 1** 1087 2021

Haplotype 2 1117 2074

DIVERSITY PANEL

LOCUS	TYPE	LOCUS	TYPE	LOCUS	TYPE
1: AHT121	104/92	2: AHT137	133/141	3: AHTH130	119/125
4: AHTh171-A	219/229	5: AHTh260	246/246	6: AHTk211	87/95
7: AHTk253	288/292	8: C22.279	116/126	9: FH2001	132/132
10: FH2054	156/168	11: FH2848	232/232	12: INRA21	101/103
13: INU005	124/124	14: INU030	144/144	15: INU055	210/210
16: LEI004	107/85	17: REN105L03	227/231	18: REN162C04	206/210
19: REN169D01	210/216	20: REN169O18	170/170	21: REN247M23	268/270
22: REN54P11	228/238	23: REN64E19	139/153	24: VGL0760	21.2/22.2
25: VGL0910	17.1/21.1	26: VGL1063	14/21	27: VGL1165	21/26
28: VGL1828	16/21	29: VGL2009	15/15	30: VGL2409	15/17
31: VGL2918	13/22.3	32: VGL3008	20/21	33: VGL3235	14/15



CANINE GENETIC DIVERSITY TEST REPORT

Client/Owner/Agent Information:

SHANNON CLOUSE 12020 CREEKRIDGE LN CHASKA, MN 55318 *Case:* NCD148389

Date Received: 31-Mar-2021
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Name: WALTER--BLAZE/LEO

Additional Information

If testing for a disease or a disorder was performed and results indicate the animal is affected or at risk, we recommend contacting your veterinarian for further clinical evaluation and for additional information on disease and management.

The Veterinary Genetics Laboratory is an institutional member of ISAG. DNA types are reported according to standardized nomenclature for markers in the ISAG panel.

For more detailed information on Canine Genetic Diversity test results, please visit our website at: www.vgl.ucdavis.edu/test/canine-genetic-diversity

For terms and conditions of testing, please see www.vgl.ucdavis.edu/about/terms-and-conditions

Results are determined using PCR-based methods. The results relate only to the sample tested as identified by the submitter (for example, identity and/or breed).

Report authorized by Dr. Rebecca Bellone, VGL Director