

DOG GENETIC DIVERSITY ANALYSIS

HAPPY PAWS' HAVIN FUN IN CARNEYS GARDEN

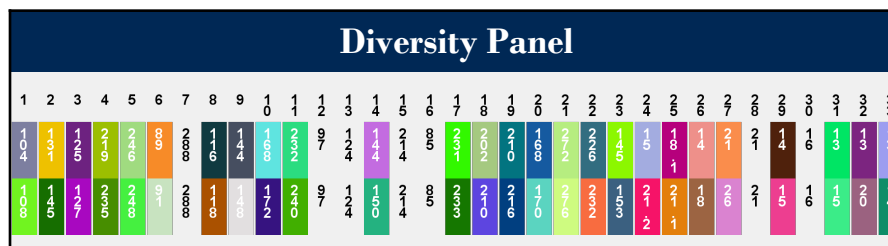
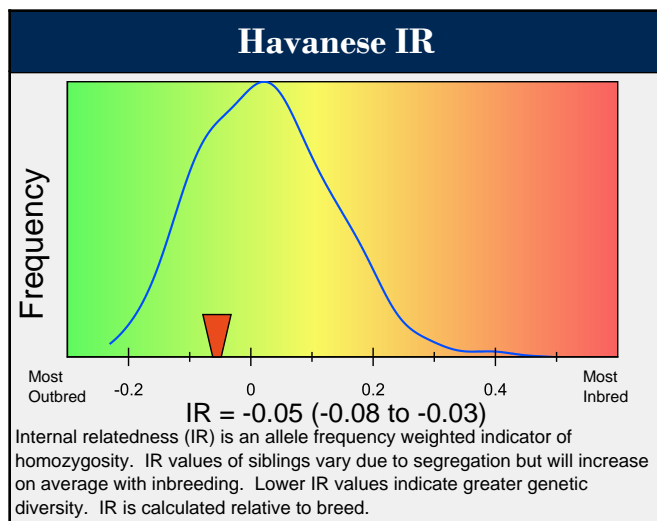


Breed: Havanese
Sex: Male
Color: Chocolate
DOB: 2020
Reg: TS47997204

Case: NCD129949

Print Date: November 8, 2020

Report ID: 6001-0293-6698-2060



Havanese DLA		
	DLA I	DLA II
Haplotype 1	1016	2066
Haplotype 2	1018	2003

Maintaining diversity in the DLA which helps regulate immune responses is beneficial to a breed. Choosing mates differing in their DLA haplotypes helps maintain diversity in litters.



Veterinary Genetics Laboratory
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JACQUELINE CARNEY
295 FAIRFAX
BIRMINGHAM, MI 48009

CANINE GENETIC DIVERSITY TEST REPORT

Provided Information:		Case:	NCD129949
Name:	HAPPY PAWS' HAVIN FUN IN CARNEYS GARDEN	Date Received:	03-Nov-2020
Registration:	TS47997204	Report Issue Date:	08-Nov-2020
		Report ID:	6001-0293-6698-2060
		Verify report at www.vgl.ucdavis.edu/verify	
DOB: 06/24/2020 Sex: Male Breed: Havanese Color: Chocolate			
Call Name: Fozzie			
Sire:	HAPPY PAWS' MY HEART IS IN HAVANA	Dam:	HAPPY PAWS' SPICED RUM
Reg:	TS37234405	Reg:	TS37234301
Microchip:		Microchip:	

INTERNAL RELATEDNESS

IR = -0.05 (-0.08 to -0.03)

DLA HAPLOTYPE RESULT

	DLA I	DLA II
Haplotype 1	1016	2066
Haplotype 2	1018	2003

DIVERSITY PANEL

LOCUS	TYPE	LOCUS	TYPE	LOCUS	TYPE
1: AHT121	104/108	2: AHT137	131/145	3: AHTH130	125/127
4: AHTH171-A	219/235	5: AHTH260	246/248	6: AHTk211	89/91
7: AHTk253	288/288	8: C22.279	116/118	9: FH2001	144/148
10: FH2054	168/172	11: FH2848	232/240	12: INRA21	97/97
13: INU005	124/124	14: INU030	144/150	15: INU055	214/214
16: LEI004	85/85	17: REN105L03	231/233	18: REN162C04	202/210
19: REN169D01	210/216	20: REN169O18	168/170	21: REN247M23	272/276
22: REN54P11	226/232	23: REN64E19	145/153	24: VGL0760	15/21.2
25: VGL0910	18.1/21.1	26: VGL1063	14/18	27: VGL1165	21/26
28: VGL1828	21/21	29: VGL2009	14/15	30: VGL2409	16/16
31: VGL2918	13/15	32: VGL3008	13/20	33: VGL3235	13/14

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Client/Owner/Agent Information: JACQUELINE CARNEY 295 FAIRFAX BIRMINGHAM, MI 48009	Case: NCD129949 Date Received: 03-Nov-2020 Report Issue Date: 08-Nov-2020 Report ID: 6001-0293-6698-2060 Verify report at www.vgl.ucdavis.edu/verify
Name: HAPPY PAWS' HAVIN FUN IN CARNEYS GARDEN	

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