

HAVANESE GENETIC HEALTH PANEL TEST REPORT

Provided Information: Name: BESEME'S SHAKE 'N QUAKE Registration: TS49214001	Case: NCD149038 Date Received: 05-Apr-2021 Report Issue Date: 15-Apr-2021 Report ID: 3222-0125-8027-0119 Verify report at www.vgl.ucdavis.edu/verify
DOB: 12/19/2020 Sex: Male Breed: Havanese Microchip: 981020039185478 Color: red brindle Irish pied	
Call Name: Shaker	
Sire: DEARHEART & BESEME'S SITTING ON A GOLD MINE Dam: BESEME'S SWEETEST MIRACLE WITH LOS FELIZ Reg: TS40068904 Reg: TS17222201 Microchip: Microchip:	

RESULT

INTERPRETATION

Chondrodystrophy (CDDY)	N/N	No copies of CDDY mutation.
Chondrodysplasia (CDPA)	CDPA/CDPA	2 copies of CDPA. Mutation causes leg shortening compared to N/N dogs.
Canine Multifocal Retinopathy (CMR1)	N/N	Normal - no copies of the CMR1 mutation.
vWD Type 1	N/N	Normal - no copies of vWF mutation associated with vWD Type 1.

HAVANESE GENETIC HEALTH PANEL TEST REPORT

Client/Owner/Agent Information: CHARLENE STOUTSENBERGER 575 NORTH 870 WEST WEST BOUNTIFUL, UT 84087-1962	Case: NCD149038 Date Received: 05-Apr-2021 Report Issue Date: 15-Apr-2021 Report ID: 3222-0125-8027-0119 Verify report at www.vgl.ucdavis.edu/verify
Name: BESEME'S SHAKE 'N QUAKE	

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.

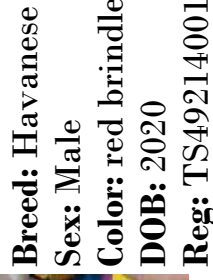
For more detailed information on Havanese Genetic test results, please visit our website at:
www.vgl.ucdavis.edu/services/dog/HavanesePanel.php

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

BESEME'S SHAKE 'N' SHAKE



Color: red brindle Irish pied
DOB: 2020
Reg: TS49214001



Havanese DLA			
	DLA I	DLA II	
Haplotype 1	1115	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.
Haplotype 2	1116	2070	

Veterinary Genetics Laboratory
One Shields Avenue, Davis, CA 95616
530-752-2211
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CHARLENE STOUTSENBERGER
575 NORTH 870 WEST
WEST BOUNTIFUL, UT 84087-1962

CANINE GENETIC DIVERSITY TEST REPORT

Provided Information:		Case:	NCD149038
Name:	BESEME'S SHAKE 'N QUAKE	Date Received:	05-Apr-2021
Registration:	TS49214001	Report Issue Date:	13-Apr-2021
		Report ID:	2384-1236-5987-8042
		Verify report at www.vgl.ucdavis.edu/verify	
DOB: 12/19/2020 Sex: Male Breed: Havanese Microchip: 981020039185478 Color: red brindle Irish pied			
Call Name: Shaker			
Sire:	DEARHEART & BESEME'S SITTING ON A GOLD MINE	Dam:	BESEME'S SWEETEST MIRACLE WITH LOS FELIZ
Reg:	TS40068904	Reg:	TS17222201
Microchip:		Microchip:	

INTERNAL RELATEDNESS

IR = 0.07 (0.04 to 0.11)

DLA HAPLOTYPE RESULT

	DLA I	DLA II
Haplotype 1	1115	2003
Haplotype 2	1116	2070

DIVERSITY PANEL

LOCUS	TYPE	LOCUS	TYPE	LOCUS	TYPE
1: AHT121	104/108	2: AHT137	139/147	3: AHTH130	119/119
4: AHTH171-A	225/231	5: AHTH260	244/248	6: AHTk211	87/95
7: AHTk253	288/288	8: C22.279	116/118	9: FH2001	132/148
10: FH2054	152/160	11: FH2848	234/234	12: INRA21	101/101
13: INU005	124/126	14: INU030	144/144	15: INU055	214/218
16: LEI004	85/85	17: REN105L03	237/241	18: REN162C04	206/210
19: REN169D01	216/220	20: REN169O18	160/166	21: REN247M23	268/270
22: REN54P11	236/236	23: REN64E19	145/149	24: VGL0760	22.2/26.2
25: VGL0910	16.1/21.1	26: VGL1063	14/14	27: VGL1165	26/28
28: VGL1828	16/16	29: VGL2009	11/14	30: VGL2409	17/18
31: VGL2918	13/15	32: VGL3008	17/20	33: VGL3235	14/14

CANINE GENETIC DIVERSITY TEST REPORT

Client/Owner/Agent Information: CHARLENE STOUTSENBERGER 575 NORTH 870 WEST WEST BOUNTIFUL, UT 84087-1962	Case: NCD149038 Date Received: 05-Apr-2021 Report Issue Date: 13-Apr-2021 Report ID: 2384-1236-5987-8042 Verify report at www.vgl.ucdavis.edu/verify
Name: BESEME'S SHAKE 'N QUAKE	

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

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