UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

DOBERMAN PINSCHER GENETIC HEALTH PANEL TEST REPORT

Provided Information:

Name: **FIREAX HELL HATH NO FURY**

Registration: **2100596725**

Case: **NCD231212**
Date Received: 11-Dec-2023
Report Issue Date: 14-Dec-2023
Report ID: 1371-1190-2038-2177

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

DOB: **12/27/2022** *Sex:* **Female** *Breed:* **Doberman Pinscher** *Microchip:* **991003002221742** *Color:* **Black Rust Markings**

Call Name: **Fury**

Sire: AUST. CH. FIREAX EXCLUSIVE RIGHTS
Reg: 2100420024
Microchip:

Dam: AUST. CH. FIREAX LITTLE WAR KARMA
Reg: 2100492945
Microchip:

RESULT		INTERPRETATION
Deafness and Vestibular Dysfunction (DINGS 1)	**N/N**	Normal. Dog does not have the variant associated with unilateral deafness.
Deafness and Vestibular Dysfunction (DINGS 2)	**N/N**	Normal. Dog does not have the variant associated with bilateral deafness.
Degenerative Myelopathy (DM)	**N/N**	No copies of the DM mutation.
Dilated Cardiomyopathy 1 (DCM1)	**N/N**	Dog does not have the variant associated with Doberman DCM1.
Dilated Cardiomyopathy 2 (DCM2)	**N/N**	Dog does not have the variant associated with Doberman DCM2.
Narcolepsy	**N/N**	Normal. Dog does not carry the Doberman narcolepsy associated variant.
vWD Type 1	**N/N**	Normal - no copies of vWF mutation associated with vWD Type 1.
Doberman OCA	**N/N**	Normal - no copies of the OCA mutation.

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Client/Owner/Agent Information:	*Case:*	**NCD231212**
ELLA PIETON	*Date Received:*	11-Dec-2023
	Report Issue Date:	14-Dec-2023
	Report ID:	1371-1190-2038-2177
	Verify report at www.vgl.ucdavis.edu/verify	

Name: **FIREAX HELL HATH NO FURY**

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 Doberman Pinscher test results, please visit our website at:
www.vgl.ucdavis.edu/panel/doberman-pinscher-health-panel

*Dogs with results indicating affected alleles in both genes (N/DCM1or DCM1/DCM1 and N/DCM2 or DCM2/DCM2) are at greater risk for developing disease.

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

ANAB
ANSI National Accreditation Board
ACCREDITED
ISO/IEC 17025
TESTING LABORATORY

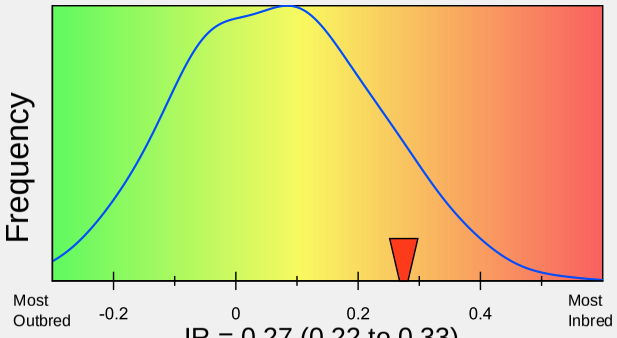
DOG GENETIC DIVERSITY ANALYSIS

FIREAX HELL HATH NO FURY

Breed: Doberman Pinscher
Sex: Female
Color: Black Rust Markings
DOB: 2022
Reg: 2100596725

Case: NCD231212
Print Date: December 15, 2023
Report ID: 1657-0985-4378-3051

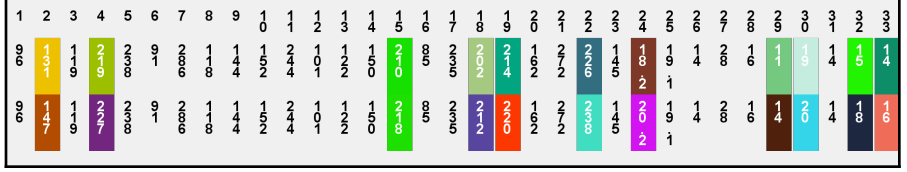
Doberman Pinscher IR



IR = 0.27 (0.22 to 0.33)

Internal relatedness (IR) is an allele frequency weighted indicator of homozygosity. IR values of siblings vary due to segregation but will increase on average with inbreeding. Lower IR values indicate greater genetic diversity. IR is calculated relative to breed.

Diversity Panel



Doberman Pinscher DLA

	DLA I	DLA II
Haplotype 1	1094	2089
Haplotype 2	1094	2089

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
One Shields Avenue, Davis, CA 95616
530-752-2211
www.vgl.ucdavis.edu

ELLA PIETON

UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

CANINE GENETIC DIVERSITY TEST REPORT

Provided Information:		*Case:*	**NCD231212**
Name:	**FIREAX HELL HATH NO FURY**	***Date Received:***	11-Dec-2023
Registration:	**2100596725**	***Report Issue Date:***	15-Dec-2023
		Report ID:	1657-0985-4378-3051

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

DOB: **12/27/2022** *Sex:* **Female** *Breed:* **Doberman Pinscher** *Microchip:* **991003002221742** *Color:* **Black Rust Markings**

Call Name: **Fury**

Sire:	AUST. CH. FIREAX EXCLUSIVE RIGHTS	*Dam:*	AUST. CH. FIREAX LITTLE WAR KARMA
Reg:	2100420024	*Reg:*	2100492945
Microchip:		*Microchip:*	

INTERNAL RELATEDNESS

IR = 0.27 (0.22 to 0.33)

DLA HAPLOTYPE RESULT

	DLA I	DLA II
Haplotype 1	1094	2089
Haplotype 2	1094	2089

DIVERSITY PANEL

LOCUS	TYPE	LOCUS	TYPE	LOCUS	TYPE
1: AHT121	96/96	*2: AHT137*	131/147	*3: AHTH130*	119/119
4: AHTh171-A	219/227	*5: AHTh260*	238/238	*6: AHTk211*	91/91
7: AHTk253	286/286	*8: C22.279*	118/118	*9: FH2001*	144/144
10: FH2054	152/152	*11: FH2848*	244/244	*12: INRA21*	101/101
13: INU005	122/122	*14: INU030*	150/150	*15: INU055*	210/218
16: LEI004	85/85	*17: REN105L03*	235/235	*18: REN162C04*	202/212
19: REN169D01	214/220	*20: REN169O18*	162/162	*21: REN247M23*	272/272
22: REN54P11	226/238	*23: REN64E19*	145/145	*24: VGL0760*	18.2/20.2
25: VGL0910	19.1/19.1	*26: VGL1063*	14/14	*27: VGL1165*	28/28
28: VGL1828	16/16	*29: VGL2009*	11/14	*30: VGL2409*	19/20
31: VGL2918	14/14	*32: VGL3008*	15/18	*33: VGL3235*	14/16

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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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