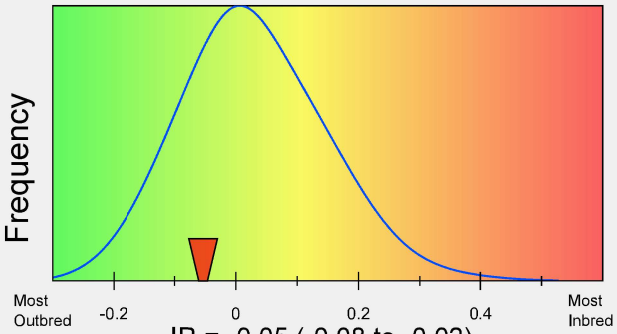
DOG GENETIC DIVERSITY ANALYSIS

PRISTINE'S MIDNITE PRIDE MIKASA

Breed: Poodle, Standard
Sex: Female
Color: BLACK
DOB: 2022
Reg: KC4166991

Case: NCD228667
Print Date: October 19, 2023
Report ID: 3433-1988-3098-5011

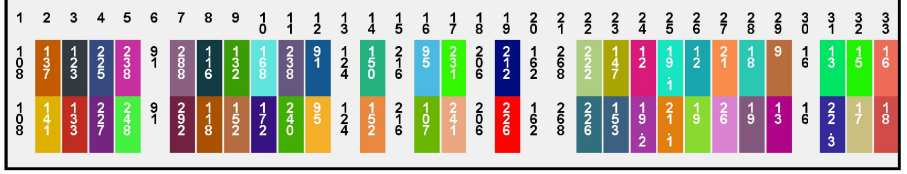
Poodle IR



IR = -0.05 (-0.08 to -0.02)

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



Poodle DLA

	DLA I	DLA II
Haplotype 1	1002	2001
Haplotype 2	1007	2006

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.

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JUDY NEIL
1957 BELVEDERE CRESCENT
CORNWALL ONTARIO K6H 6L9
CANADA

UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

CANINE GENETIC DIVERSITY TEST REPORT

Provided Information:		*Case:*	**NCD228667**
Name:	**PRISTINE'S MIDNITE PRIDE MIKASA**	*Date Received:*	16-Oct-2023
Registration:	**KC4166991**	*Report Issue Date:*	19-Oct-2023
		Report ID:	3433-1988-3098-5011

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

DOB: **02/19/2022** *Sex:* **Female** *Breed:* **Poodle, Standard** *Microchip:* **956000011418776** *Color:* **BLACK**

Call Name: **MIKASA**

Sire:	CH LEX BARKER PRISTINE VERY-MERRY	*Dam:*	CH PRISTINE'S RADIENT RED SHIMMER
Reg:	1132442	*Reg:*	DS665549
Microchip:		*Microchip:*	

INTERNAL RELATEDNESS

IR = -0.05 (-0.08 to -0.02)

DLA HAPLOTYPE RESULT

	DLA I	DLA II
Haplotype 1	1002	2001
Haplotype 2	1007	2006

DIVERSITY PANEL

LOCUS	TYPE	LOCUS	TYPE	LOCUS	TYPE
1: AHT121	108/108	*2: AHT137*	137/141	*3: AHTH130*	123/133
4: AHTh171-A	225/227	*5: AHTh260*	238/248	*6: AHTk211*	91/91
7: AHTk253	288/292	*8: C22.279*	116/118	*9: FH2001*	132/152
10: FH2054	168/172	*11: FH2848*	238/240	*12: INRA21*	91/95
13: INU005	124/124	*14: INU030*	150/152	*15: INU055*	216/216
16: LEI004	107/95	*17: REN105L03*	231/241	*18: REN162C04*	206/206
19: REN169D01	212/226	*20: REN169O18*	162/162	*21: REN247M23*	268/268
22: REN54P11	222/226	*23: REN64E19*	147/153	*24: VGL0760*	12/19.2
25: VGL0910	19.1/21.1	*26: VGL1063*	12/19	*27: VGL1165*	21/26
28: VGL1828	18/19	*29: VGL2009*	9/13	*30: VGL2409*	16/16
31: VGL2918	13/22.3	*32: VGL3008*	15/17	*33: VGL3235*	16/18