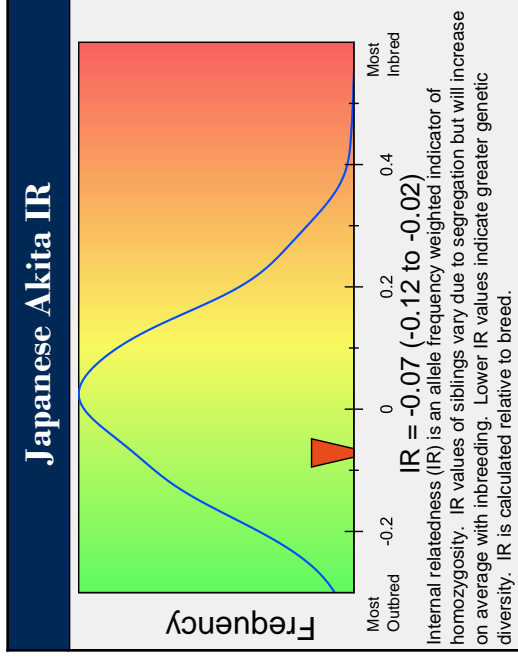


DOG GENETIC DIVERSITY ANALYSIS

IZUMI GAI DAKAMI

Breed: Akita: Japanese type
Sex: Female
Color: red
DOB: 2015
Reg:

Case: NCD171284
Print Date: October 11, 2021
Report ID: 2924-2716-1815-0060



Japanese Akita DLA

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.

DLA I	DLA II
Haplotype 1	1083
Haplotype 2	2039
Haplotype 2	1092
Haplotype 2	2035



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

HANNA POHTO
TUPASVILLATIE 1 A 2
 90630 OULU
 FINLAND

Provided Information:	Case: NCD171284
Name: IZUMI GAI DAKAMI	Date Received: 27-Sep-2021
Registration:	Report Issue Date: 11-Oct-2021
	Report ID: 2924-2716-1815-0060
Verify report at www.vgl.ucdavis.edu/verify	
DOB: 09/21/2015 Sex: Female Breed: Akita: Japanese type Color: red	
Call Name: Kami	

INTERNAL RELATEDNESS

IR = -0.07 (-0.12 to -0.02)

DLA HAPLOTYPE RESULT

	DLA I	DLA II
Haplotype 1	1083	2039
Haplotype 2	1092	2035

DIVERSITY PANEL

LOCUS	TYPE	LOCUS	TYPE	LOCUS	TYPE
1: <i>AHT121</i>	108/108	2: <i>AHT137</i>	133/151	3: <i>AHTH130</i>	119/131
4: <i>AHTh171-A</i>	235/235	5: <i>AHTh260</i>	238/246	6: <i>AHTk211</i>	89/89
7: <i>AHTk253</i>	288/292	8: <i>C22.279</i>	116/116	9: <i>FH2001</i>	132/152
10: <i>FH2054</i>	156/160	11: <i>FH2848</i>	238/238	12: <i>INRA21</i>	97/99
13: <i>INU005</i>	124/124	14: <i>INU030</i>	144/154	15: <i>INU055</i>	214/222
16: <i>LEI004</i>	85/85	17: <i>REN105L03</i>	231/237	18: <i>REN162C04</i>	204/204
19: <i>REN169D01</i>	202/202	20: <i>REN169O18</i>	160/172	21: <i>REN247M23</i>	268/272
22: <i>REN54P11</i>	226/236	23: <i>REN64E19</i>	139/145	24: <i>VGL0760</i>	15/24.2
25: <i>VGL0910</i>	18.1/20.1	26: <i>VGL1063</i>	13/14	27: <i>VGL1165</i>	19/29
28: <i>VGL1828</i>	19/19	29: <i>VGL2009</i>	13/13	30: <i>VGL2409</i>	16/17
31: <i>VGL2918</i>	18.3/18.3	32: <i>VGL3008</i>	15/15	33: <i>VGL3235</i>	18/18

Client/Owner/Agent Information: HANNA POHTO TUPASVILLATIE 1 A 2 90630 OULU FINLAND	Case: NCD171284 Date Received: 27-Sep-2021 Report Issue Date: 11-Oct-2021 Report ID: 2924-2716-1815-0060 Verify report at www.vgl.ucdavis.edu/verify
Name: IZUMI GAI DAKAMI	

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

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