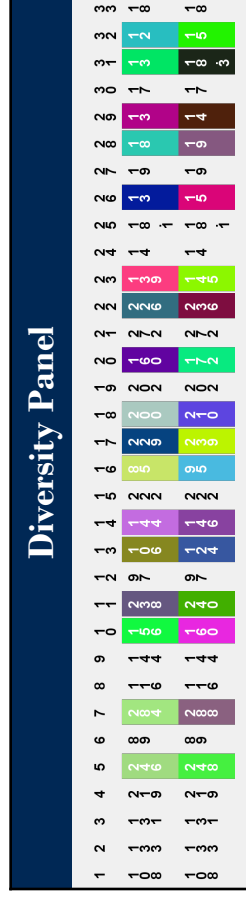
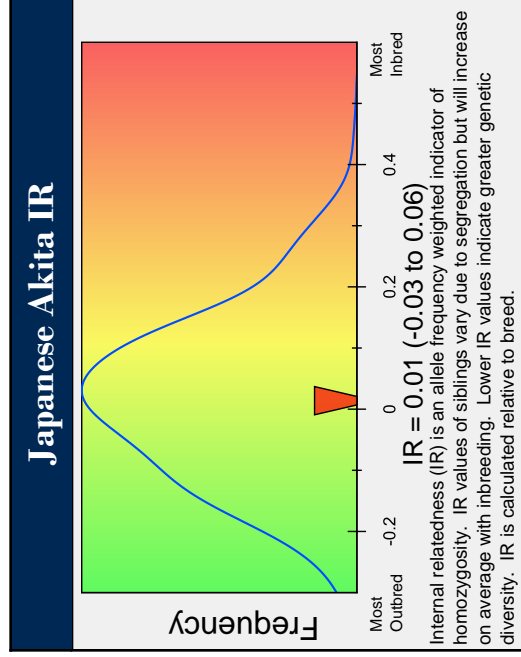


DOG GENETIC DIVERSITY ANALYSIS

LAVR DE DIS TAKEKUMO

Breed: Akita: Japanese type
Sex: Male
Color: Red
DOB: 2014
Reg: RKF4164393

Case: NCD119115
Print Date: July 10, 2020
Report ID: 6440-3574-0481-2020



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	1081
Haplotype 2	1092
	2056
	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:	NCD119115
Name:	LAVR DE DIS TAKEKUMO	Date Received:	07-Jul-2020
Registration:	RKF4164393	Report Issue Date:	10-Jul-2020
		Report ID:	6440-3574-0481-2020
Verify report at www.vgl.ucdavis.edu/verify			
DOB: 12/31/2014 Sex: Male Breed: Akita: Japanese type Color: Red			
Call Name: Taki			

INTERNAL RELATEDNESS

IR = 0.01 (-0.03 to 0.06)

DLA HAPLOTYPE RESULT

	DLA I	DLA II
Haplotype 1	1081	2056
Haplotype 2	1092	2035

DIVERSITY PANEL

LOCUS	TYPE	LOCUS	TYPE	LOCUS	TYPE
1: <i>AHT121</i>	108/108	2: <i>AHT137</i>	133/133	3: <i>AHTH130</i>	131/131
4: <i>AHTh171-A</i>	219/219	5: <i>AHTh260</i>	246/248	6: <i>AHTk211</i>	89/89
7: <i>AHTk253</i>	284/288	8: <i>C22.279</i>	116/116	9: <i>FH2001</i>	144/144
10: <i>FH2054</i>	156/160	11: <i>FH2848</i>	238/240	12: <i>INRA21</i>	97/97
13: <i>INU005</i>	106/124	14: <i>INU030</i>	144/146	15: <i>INU055</i>	222/222
16: <i>LEI004</i>	85/95	17: <i>REN105L03</i>	229/239	18: <i>REN162C04</i>	200/210
19: <i>REN169D01</i>	202/202	20: <i>REN169O18</i>	160/172	21: <i>REN247M23</i>	272/272
22: <i>REN54P11</i>	226/236	23: <i>REN64E19</i>	139/145	24: <i>VGL0760</i>	14/14
25: <i>VGL0910</i>	18.1/18.1	26: <i>VGL1063</i>	13/15	27: <i>VGL1165</i>	19/19
28: <i>VGL1828</i>	18/19	29: <i>VGL2009</i>	13/14	30: <i>VGL2409</i>	17/17
31: <i>VGL2918</i>	13/18.3	32: <i>VGL3008</i>	12/15	33: <i>VGL3235</i>	18/18

CANINE GENETIC DIVERSITY TEST REPORT

Client/Owner/Agent Information: HANNA POHTO TUPASVILLATIE 1 A 2 90630 OULU FINLAND	Case: NCD119115 Date Received: 07-Jul-2020 Report Issue Date: 10-Jul-2020 Report ID: 6440-3574-0481-2020 Verify report at www.vgl.ucdavis.edu/verify
Name: LAVR DE DIS TAKEKUMO	

Additional Information

If disease test results indicate an affected or at risk animal, we recommend that you contact your veterinarian for information on disease progression 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 terms and conditions of testing, please see 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