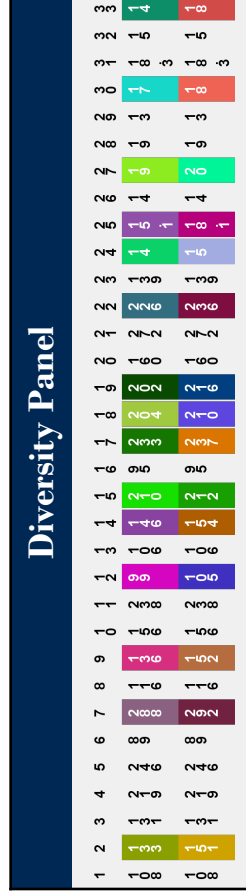
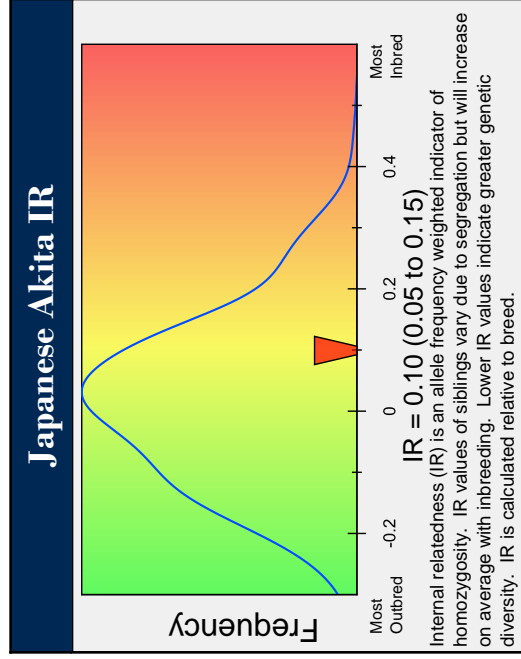


DOG GENETIC DIVERSITY ANALYSIS

HOPEATIIKERIN GRUMPY PRINCESS

Breed: Akita: Japanese type
Sex: Female
Color: red
DOB: 2019
Reg:

Case: NCD107574
Print Date: November 22, 2019
Report ID: 7235-3045-4356-9091



Japanese Akita DLA

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

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

HANNA POHTO
 HAKEKATU 2 D 52
 90520 OULU
 FINLAND



VETERINARY GENETICS LABORATORY
SCHOOL OF VETERINARY MEDICINE
ONE SHIELDS AVENUE
DAVIS, CALIFORNIA 95616-8744

TELEPHONE: (530) 752-2211
FAX: (530) 752-3556

CANINE GENETIC MARKER REPORT

HANNA POHTO HAKEKATU 2 D 52 90520 OULU FINLAND		Case: NCD107574 Date Received: 19-Nov-2019 Print Date: 22-Nov-2019 Report ID: 7235-3045-4356-9091 Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm
Name: HOPEATIIKERIN GRUMPY PRINCESS DOB: 09/12/2019 Sex: Female Breed: Akita: Japanese type Color: red		Reg:
Sire: CHIYA GO SAKURA NO SONO Dam: TEDIIBEA NO ENZERU NO EGAO		Reg: Reg:

DIVERSITY PANEL

LOCUS	TYPE	LOCUS	TYPE	LOCUS	TYPE
1: AHT121	108/108	2: AHT137	133/151	3: AHTH130	131/131
4: AHTh171-A	219/219	5: AHTh260	246/246	6: AHTk211	89/89
7: AHTk253	288/292	8: C22.279	116/116	9: FH2001	136/152
10: FH2054	156/156	11: FH2848	238/238	12: INRA21	105/99
13: INU005	106/106	14: INU030	146/154	15: INU055	210/212
16: LEI004	95/95	17: REN105L03	233/237	18: REN162C04	204/210
19: REN169D01	202/216	20: REN169O18	160/160	21: REN247M23	272/272
22: REN54P11	226/236	23: REN64E19	139/139	24: VGL0760	14/15
25: VGL0910	15.1/18.1	26: VGL1063	14/14	27: VGL1165	19/20
28: VGL1828	19/19	29: VGL2009	13/13	30: VGL2409	17/18
31: VGL2918	18.3/18.3	32: VGL3008	15/15	33: VGL3235	14/18