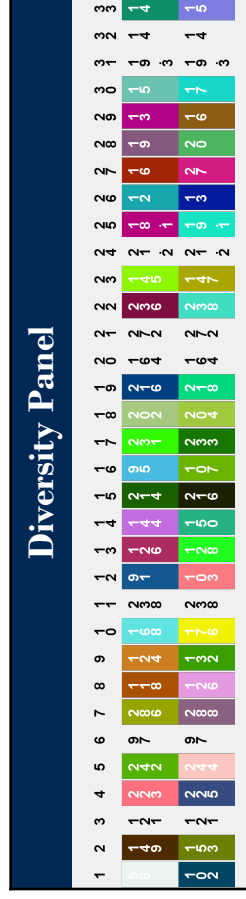
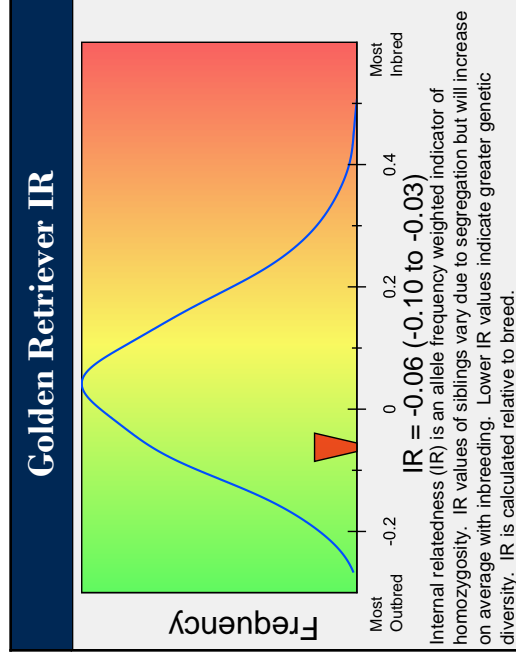


DOG GENETIC DIVERSITY ANALYSIS

VAPRA ELYSIAN SAVANT

Breed: Golden Retriever
Sex: Female
Color: Light Gold
DOB: 2019
Reg: SS13588204

Case: NCD206196
Print Date: November 14, 2022
Report ID: 2292-4068-4157-4120



Golden Retriever DLA

| DLA I | DLA II | DLA I | DLA II |
|-------------|--------|-------|--------|
| Haplotype 1 | 1066 | 2046 | |
| Haplotype 2 | 1067 | 2017 | |

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

LESLI BARTLETT

CANINE GENETIC DIVERSITY TEST REPORT

| | | | |
|--|-----------------------------|---------------------------|-------------------------|
| Provided Information: | | Case: | NCD206196 |
| Name: | VAPRA ELYSIAN SAVANT | Date Received: | 04-Nov-2022 |
| Registration: | SS13588204 | Report Issue Date: | 14-Nov-2022 |
| | | Report ID: | 2292-4068-4157-4120 |
| Verify report at www.vgl.ucdavis.edu/verify | | | |
| DOB: 07/21/2019 Sex: Female Breed: Golden Retriever Microchip: 92001001129157 Color: Light Gold | | | |
| Call Name: Disney | | | |
| Sire: | OAKHILL'S GOLDEN PRINCE | Dam: | MONTGOMERY'S LADY POPPY |
| Reg: | SR91996309 | Reg: | SR84703307 |
| Microchip: | | Microchip: | |

INTERNAL RELATEDNESS

IR = -0.06 (-0.10 to -0.03)

DLA HAPLOTYPE RESULT

| | DLA I | DLA II |
|--------------------|-------|--------|
| Haplotype 1 | 1066 | 2046 |
| Haplotype 2 | 1067 | 2017 |

DIVERSITY PANEL

| LOCUS | TYPE | LOCUS | TYPE | LOCUS | TYPE |
|---------------|-----------|---------------|---------|---------------|-----------|
| 1: AHT121 | 102/96 | 2: AHT137 | 149/153 | 3: AHTH130 | 121/121 |
| 4: AHTh171-A | 223/225 | 5: AHTh260 | 242/244 | 6: AHTk211 | 97/97 |
| 7: AHTk253 | 286/288 | 8: C22.279 | 118/126 | 9: FH2001 | 124/132 |
| 10: FH2054 | 168/176 | 11: FH2848 | 238/238 | 12: INRA21 | 103/91 |
| 13: INU005 | 126/128 | 14: INU030 | 144/150 | 15: INU055 | 214/216 |
| 16: LEI004 | 107/95 | 17: REN105L03 | 231/233 | 18: REN162C04 | 202/204 |
| 19: REN169D01 | 216/218 | 20: REN169O18 | 164/164 | 21: REN247M23 | 272/272 |
| 22: REN54P11 | 236/238 | 23: REN64E19 | 145/147 | 24: VGL0760 | 21.2/21.2 |
| 25: VGL0910 | 18.1/19.1 | 26: VGL1063 | 12/13 | 27: VGL1165 | 16/27 |
| 28: VGL1828 | 19/20 | 29: VGL2009 | 13/16 | 30: VGL2409 | 15/17 |
| 31: VGL2918 | 19.3/19.3 | 32: VGL3008 | 14/14 | 33: VGL3235 | 14/15 |

CANINE GENETIC DIVERSITY TEST REPORT

| | |
|---|---|
| <p><i>Client/Owner/Agent Information:</i> LESLI BARTLETT</p> | <p>Case: NCD206196 <i>Date Received:</i> 04-Nov-2022 <i>Report Issue Date:</i> 14-Nov-2022 <i>Report ID:</i> 2292-4068-4157-4120</p> <p style="text-align: right;">Verify report at www.vgl.ucdavis.edu/verify</p> |
| <p><i>Name:</i> VAPRA ELYSIAN SAVANT</p> | |

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 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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