



UC DAVIS

VETERINARY MEDICINE

Veterinary Genetics Laboratory

DOG COAT COLOR / NATURAL BOBTAIL TEST REPORT

Case:

NCD125493

Provided Information:

Date Received: Report Issue Date: Report ID:

22-Sep-2020 02-Oct-2020 4936-3043-6339-7160

Name: Registration:

NICOLE JANE KIRKPATRICK WS68806308

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

DOB: 07/02/2020

Sex: Female

Breed: Great Dane

Microchip: 956000012504151

Color: Fawn

Call Name: Sersi

Sire: KINGS GUARDIAN AUBIE EVER AFTER AT SUMMERSET Reg: WS61134406

Microchip:

Dam: SAPHIRE'S AMASA AT SOUTHERN SUMMERSET Reg: WS62613201

Microchip:

RESULT

INTERPRETATION

MC1R (E LOCUS)

Not requested.

BROWN (B LOCUS)

Not requested.

DILUTE (D LOCUS)

D/D

No known dilution variants present.

DOMINANT BLACK (K LOCUS)

N/N

Dog does not have the dominant black mutation

AGOUTI (A LOCUS)

a^y/a^y

Homozygous for fawn/sable

MERLE

N/N

No copies of the merle associated SINE insertion.

PIEBALD (S LOCUS)

N/N

Dog has no copies of piebald.

HARLEQUIN

(GREAT DANE)

N/H

1 copy of the Harlequin mutation is present. If the dog has merle and is black pigmented, the Harlequin pattern is expressed. Breedings between N/H dogs are expected to result in 25% embryonic lethal offspring.

NATURAL BOBTAIL

Not requested.

DOBERMAN OCA

Not requested.

GERMAN SHEPHERD PANDA SPOTTING

Not requested.

INTENSITY DILUTION

Not requested.

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