

GENETIC ANALYSIS REPORT

OWNER'S DETAILS

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ANIMAL'S DETAILS

Registered Name: Risingstars Heavenly Messenger
Pet Name: Gabe
Breed: Australian Shepherd

Registration No: DN18307804
Microchip No: 4A1013031D
Sex: Female male

COLLECTION DETAILS

Case Number: 15-105068
Collected By: Jan Kelly

Date of Test: 21/04/15
Approved Coll. Mthd.: Yes

Sample with Lab ID Number 15-105068 was received at Orivet Genetics, DNA was extracted and analysed with the following results reported:

DISEASE(S): COLLIE EYE ANOMALY/CHOROIDAL HYPOPLASIA (NORMAL / CLEAR - NO MUTATION DETECTED)
DEGENERATIVE MYELOPATHY (CARRIER/HETEROZYGOUS - ONE COPY DETECTED)
CONE DEGENERATION (NORMAL / CLEAR - NO MUTATION DETECTED)
CANINE HYPERURICOSURIA (NORMAL / CLEAR - NO MUTATION DETECTED)
CANINE MULTIFOCAL RETINOPATHY 1 (NORMAL / CLEAR - NO MUTATION DETECTED)
HEREDITARY CATARACT (NORMAL / CLEAR - NO MUTATION DETECTED)
IVERMECTIN SENSITIVITY MDR1 (AFFECTED / POSITIVE - TWO COPIES)
PROGRESSIVE ROD CONE DEGENERATION - PRA (NORMAL BY PARENTAGE HISTORY)
COBALAMIN MALABSORPTION CUBLIN DEFICIENCY (NORMAL / CLEAR - NO MUTATION DETECTED)

TRAIT(S): NATURAL BOB TAIL (SHORT TAIL PHENOTYPE) (Ee - CARRIES ONE COPY of MC1R GENE)
A-LOCUS AGOUTI (at/at - TRICOLOR/BLACK & TAN (MERLE DEPENDENT NO BIFACTOR))
B (TYRP1 LOCUS) BROWN/CHOCOLATE (AFFECTED - bb BROWN/CHOCOLATE, LIVER OR RED)
DILUTE MLPH GENE (BLUE/GREY) (DD - NO COPY OF MLPH-D ALLELE)
K-LOCUS (DOM BLACK/WILD TYPE) (k/k - DOES NOT CARRY DOM BLACK COLOUR DETERMINED BY AGOUTI)
E-LOCUS (EXTENSION - YELLOW/RED/CREAM/APRICOT (NORMAL EE - DOMINANT BLACK)
BLACK HAIR FOLLICULAR DYSPLASIA (NORMAL / CLEAR - NO MUTATION DETECTED)
BLACK AND TAN/SADDLE COAT (AFFECTED / POSITIVE - TWO COPIES)

Please note: The current B-Locus [TYRP1] does not include the stop codon [bs] mutation. This may cause the result shown for some breeds to be incomplete.
Dog may be Bb or bb.

PENDING TEST(S): MERLE



RESULTS REVIEWED AND CONFIRMED BY:

Dr. Noam Pik BVs MDSV

George Sofronidis BSc (Hons)