

# GENETIC ANALYSIS REPORT

## OWNER'S DETAILS

Ana Richardson  
125 Convent School Road  
Nar Nar Goon Nth, VI 3812



Add: P.O. Box 110  
St Kilda 3182 VIC

Ph: +61 3 9534 1544

Fax: +61 3 9525 3550

email: info@orivet.com.au

website: www.orivet.com.au

A.B.N. 8 722 516 58 99

## 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)