

OWNERS DETAIL'S

Paul, Daphne, James Murra
104 Rusty Lane
Branxton, NS 2335

GENETIC ANALYSIS REPORT



**Breed Specific
Medicine**

Animal's Details

Registered Name: Kuirau Casey Stoner
Pet Name: Casey
Sex: Male
Lab ID: 14-043707
Date of Test:: 09/05/14

Registration No. 2100370674
Microchip No: 900012000830588
Breed: German Shepherd
Collected By: Angela Sneddon
Approved Coll. Mthd:

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

Ph: +61 3 9560 2000
Fax: +61 3 9560 2200

email: admin@orivet.com.au
website: www.orivet.com.au

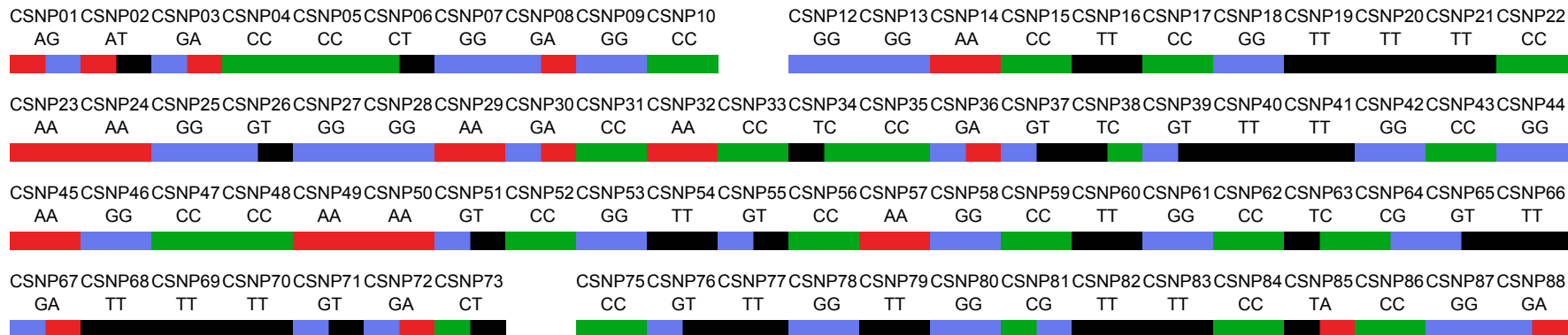
A.B.N. 8 722 516 58 99

Sample with Lab ID Number 14-043707 was received at ASAP Laboratories, DNA was extracted and analysed with the following results reported:

DISEASE(S): DEGENERATIVE MYELOPATHY (NORMAL / CLEAR / NEGATIVE)
IVERMECTIN SENSITIVITY MDR1 (NORMAL / CLEAR / NEGATIVE)

TRAIT(S): LONG HAIR GENE (PHENOTYPE) (CARRIER/HETEROZYGOUS)
B (TYRP1 LOCUS) BROWN/CHOCOLATE (NORMAL – BB DOES NOT CARRY BROWN)
E-LOCUS (EXTENSION - YELLOW/LEMON/RED/CREAM/APRICOT) (NORMAL - EE)

DNA PROFILE The DNA Profile below represents the genetic identification of Kuirau Casey Stoner



Results reviewed and confirmed by:

Dr. Noam Pik BVs MDSV

George Sofronidis BSc (Hons)

EXPLANATION OF RESULTS

NORMAL/CLEAR/NEGATIVE - no presence of mutation, clear of disease.

CARRIER/HETEROZYGOUS - one copy of the gene is present, will not exhibit disease symptoms.

AFFECTED (1 COPY)/POSITIVE HETEROZYGOUS - One copy of the disease gene is present, yet due to the dominant mode of inheritance of the disease the animal may show symptoms. Also referred to as Positive Heterozygous.

AFFECTED/POSITIVE HOMOZYGOUS - 2 copies of the disease gene are present, the animal may show symptoms associated with the disease. Appropriate treatment should be pursued by consulting a veterinarian.

NORMAL By PARENTAGE HISTORY - the sample submitted has had its parentage confirmed. By definition, this information together with the history submitted for the parents excludes this animal from having this disease.

NO RESULTS AVAILABLE - Insufficient information has been provided to provide a result for this test. Sire and Dam information and/or sample may be required. Please contact the laboratory to discuss.

DNA Profile - also known as a DNA fingerprint is unique for the animal. No animal shares the same DNA profile. An individual's DNA profile is inherited from both parents and can be used for verifying parentage (pedigrees). The nomenclature **CSNP** identifies the single nucleotide polymorphism (SNP) at a particular site on the chromosome with each number representing a different site. At each SNP an individual will inherit a DNA base of G, A, T or C. Each SNP will exhibit 2 bases (one from each parent), so if an individual shows the bases GC at CSNP1 then it must inherit either a G or C from the dam and the other base from the sire.

FAIL - The sample submitted has failed to give a conclusive result. Failures are due mainly to quality/quantity of DNA. We strongly advise that another sample be re-collected and submitted. To minimise bacterial contamination you should allow the swab to air dry (stand up) for at least 3 minutes prior to placing them back into the original swab packaging.

PARENTAGE CONFIRMATION - Parentage (pedigree confirmation) can be carried using our web based confirmation tool. (www.asaplab.com.au/parentage)

PENDING - Result for this test is still being processed. When completed will be emailed.

Approved Protocol Collection (Yes)- the sample submitted for testing HAS met the the requirements recommended by member bodies for the DNA collection process. The animal has been identified via its microchip number (Positive ID) and collected by a Veterinarian or Approved Collection Agent.

Approved Protocol Collection (NO)- the sample submitted for testing has NOT met the requirements recommended by member bodies for the DNA collection process.