

GENETIC ANALYSIS REPORT

OWNER'S DETAILS

Mardi Porter

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ANIMAL'S DETAILS

Registered Name: Broadstaff Be Thy Name
Pet Name: Boris
Breed: Staffordshire Bull Terrier
Date of Birth / Age: 14/12/15

Registration No: 01538-2044 *2016*
Microchip No: 934000090100354
Sex: Male
Colour: Black Brindle

COLLECTION DETAILS

Case Number: 16-090313
Collected By: Brian Fogarty

Date of Test: 06/09/16
Approved Coll. Mthd.: Yes

Sample with Lab ID Number 16-090313 was received at Orivet Genetics, DNA was extracted and analysed with the following results reported:

DISEASE(S): DEGENERATIVE MYELOPATHY - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)
HEREDITARY CATARACT - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)
L2 HYDROXYGLUTARIC ACIDURIA - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)

TRAIT(S): A-LOCUS AGOUTI - *ay/ay* PURE FAWN or SABLE only PRODUCE *ay* OFFSPRING
DILUTE MLPH GENE (BLUE/GREY) - DD - NO COPY OF MLPH-D ALLELE
K-LOCUS (DOM BLACK/WILD TYPE) - CARRIER - K/k ONE COPY DOM BLACK and ONE COPY NON BLACK
EM-LOCUS MELANISTIC MASK ALLELE - *E^m* TWO MASK ALLELES DEPENDS ON A and K SERIES
E (EXTENSION) LOCUS MC1R - EE - DOMINANT BLACK DOES NOT CARRY YELLOW/RED/WHITE
BROWN (GLNT331STOP) STOP CODON (*b^s*) - BB - DOES NOT CARRY BROWN or CHOCOLATE
BROWN (345DELPRO) DELETION (*b^d*) - BB - DOES NOT CARRY BROWN or CHOCOLATE
BROWN (SER41CYS) INSERTION CODON (*b^c*) - BB - DOES NOT CARRY BROWN or CHOCOLATE



RESULTS REVIEWED AND CONFIRMED BY:

[Signature]
Dr. Noam Pik BVs MDSV

[Signature]
George Sofronidis BSc (Hons)