

GENETIC ANALYSIS REPORT



OWNER'S DETAILS

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ANIMAL'S DETAILS

Registered Name: Takoda Mastermind
Pet Name: Koda
Breed: Staffordshire Bull Terrier

Registration No: 00060-2013
Microchip No: 982000190648127
Sex: Male

COLLECTION DETAILS

Case Number: 15-057837
Collected By: Carolyn Ann Hogg

Date of Test: 15/01/15
Approved Coll. Mthd.: Yes

Sample with Lab ID Number 15-057837 was received at Orivet Genetics, DNA was extracted and analysed with the following results reported:

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

TRAIT(S): A-LOCUS AGOUTI (ay/at FAWN/SABLE TRI COLOR - NO/WHITE FACTOR)
B (TYRP1 LOCUS) BROWN/CHOCOLATE (NORMAL - BB FULL COLOR DOES NOT CARRY BROWN)
DILUTE MLPH GENE (BLUE/GREY) (DD - NO COPY OF MLPH-D ALLELE)
K-LOCUS (DOM BLACK/WILD TYPE) (INDETERMINABLE - RESULT OBTAINED IS INCONCLUSIVE)
EM-LOCUS MELANISTIC BLACK MASK ALLELE (E^{mt} TWO MASK ALLELES DEPENDS ON A and K SERIES)
E-LOCUS (EXTENSION - YELLOW/RED/CREAM/APRICOT) (NORMAL EE - DOMINANT BLACK)

Please Note: The current B Locus test does not include the Stop Codon (bs) mutation. This can cause the result shown for some breeds to be incomplete.

DNA PROFILE The DNA Profile below represents the genetic identification of Takoda Mastermind

AA	AT	GG	CC	CC	CC	GG	GG	GG	AA	GG	GT	GG	GG	CC	TT	CC	TT	TT	CC	CC	CG
TT	AA	AG	GG	AG	GG	AA	GG	CC	AA	CG	CC	CC	GA	TT	TC	GT	TT	GG	CG	CC	GG
CC	GG	CC	CC	AA	GG	GT	CC	GG	TT	TT	CT	CC	GG	CC	TT	GG	CC	CC	GG	GG	TA
AA	TT	CC	TT	GT	AA	CT	CA	CC	GT	CT	CC	TT	GA	GG	CC	CT	CC	TT	CC	GG	GG



15-057837

RESULTS REVIEWED AND CONFIRMED BY:

Dr. Noam Pik BVs MDSV

George Sofronidis BSc (Hons)