

GENETIC ANALYSIS REPORT



**Breed Specific
Medicine**

OWNER'S DETAILS

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ANIMAL'S DETAILS

Registered Name: Tuscan Bright Eyes
Pet Name: Promise
Breed: Labrador Retriever

Registration No: 05287-2014
Microchip No: 900032001909440
Sex: Female

COLLECTION DETAILS

Case Number: 14-049488
Collected By: Phillipa Bagnall

Date of Test: 16/09/14
Approved Coll. Mthd.: Yes

Sample with Lab ID Number 14-049488 was received at Orivet Genetics, DNA was extracted and analysed with the following results reported:

DISEASE(S): EXERCISE INDUCED COLLAPSE (NORMAL / CLEAR - NO MUTATION DETECTED)
CENTRONUCLEAR MYOPATHY (NORMAL / CLEAR - NO MUTATION DETECTED)
CYSTINURIA (NORMAL / CLEAR - NO MUTATION DETECTED)
MYOTUBULAR MYOPATHY X LINKED (NORMAL / CLEAR - NO MUTATION DETECTED)
NARCOLEPSY (NORMAL / CLEAR - NO MUTATION DETECTED)
PROGRESSIVE ROD CONE DEGENERATION - PRA (NORMAL BY PARENTAGE HISTORY)

TRAIT(S): LONG HAIR GENE (PHENOTYPE) (NORMAL / CLEAR - NO MUTATION DETECTED)
A-LOCUS AGOUTI (a¹a¹ TRICOLOUR / TAN POINTS NO FACTOR)
B (TYRP1 LOCUS) BROWN/CHOCOLATE (CARRIER Bb - CARRIER OF BROWN / FULL COLOUR)
DILUTE MLPH GENE (BLUE/GREY) (DD - NO COPY OF MLPH-D ALLELE)
K-LOCUS (DOM BLACK/WILD TYPE) (KK - DOMINANT FOR K WILL NOT BE BRINDLED or EXPRESS AGOUTI)
E-LOCUS (EXTENSION - YELLOW/RED/CREAM/APRICOT) (Ee - CARRIES ONE COPY of MC1R GENE)

DNA PROFILE The DNA Profile below represents the genetic identification of Tuscan Bright Eyes

SNP01 AG	SNP03 GG	SNP04 CC	SNP05 GC	SNP06 CC	SNP07 GG	SNP08 GG	SNP09 GG	SNP10 AA	SNP11 GG	SNP12 GG	SNP13 GG	SNP14 AG	SNP16 TA	SNP17 AA	SNP18 GT	SNP19 TT	SNP20 CC	SNP21 TC	SNP22 GG		
SNP23 TT	SNP25 AG	SNP27 GG	SNP28 GG	SNP29 AA	SNP30 GA	SNP31 CC	SNP32 AA	SNP33 GG	SNP34 TC	SNP35 CA	SNP36 AA	SNP37 GG	SNP38 TC	SNP39 TT	SNP40 TT	SNP41 GG	SNP42 CG	SNP44 GG			
SNP45 CA	SNP46 GG	SNP47 CC	SNP48 CC	SNP49 CA	SNP50 AG	SNP51 GT	SNP52 CC	SNP53 GG	SNP54 CT	SNP55 TT	SNP56 CT	SNP57 CC	SNP58 GG	SNP59 CC	SNP60 TA	SNP61 GA	SNP62 CC	SNP63 TT	SNP64 GG	SNP65 GT	SNP66 TT
SNP67 AA	SNP68 TT	SNP69 CC	SNP70 CC	SNP72 GG	SNP73 CC	SNP75 CC	SNP76 GG	SNP77 TT	SNP78 GG	SNP79 CT	SNP80 GA	SNP81 GG	SNP82 CC	SNP83 CT	SNP84 CC	SNP85 AA	SNP86 CC	SNP88 GA			



14-049488

RESULTS REVIEWED AND CONFIRMED BY:

Dr. Noam Pik BVs MDSV

George Sofronidis BSc (Hons)