

# GENETIC ANALYSIS REPORT



**Breed Specific  
Medicine**

## OWNER'S DETAILS

**Jess Rodley**  
39 Bourne Crescent  
Papanui Christchurch, NZ

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

## 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 (a<sup>1</sup>a<sup>1</sup> 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<br>AG | SNP03<br>GG | SNP04<br>CC | SNP05<br>GC | SNP06<br>CC | SNP07<br>GG | SNP08<br>GG | SNP09<br>GG | SNP10<br>AA | SNP11<br>GG | SNP12<br>GG | SNP13<br>GG | SNP14<br>AG | SNP16<br>TA | SNP17<br>AA | SNP18<br>GT | SNP19<br>TT | SNP20<br>CC | SNP21<br>TC | SNP22<br>GG |             |             |
| SNP23<br>TT | SNP25<br>AG | SNP27<br>GG | SNP28<br>GG | SNP29<br>AA | SNP30<br>GA | SNP31<br>CC | SNP32<br>AA | SNP33<br>GG | SNP34<br>TC | SNP35<br>CA | SNP36<br>AA | SNP37<br>GG | SNP38<br>TC | SNP39<br>TT | SNP40<br>TT | SNP41<br>GG | SNP42<br>CG | SNP44<br>GG |             |             |             |
| SNP45<br>CA | SNP46<br>GG | SNP47<br>CC | SNP48<br>CC | SNP49<br>CA | SNP50<br>AG | SNP51<br>GT | SNP52<br>CC | SNP53<br>GG | SNP54<br>CT | SNP55<br>TT | SNP56<br>CT | SNP57<br>CC | SNP58<br>GG | SNP59<br>CC | SNP60<br>TA | SNP61<br>GA | SNP62<br>CC | SNP63<br>TT | SNP64<br>GG | SNP65<br>GT | SNP66<br>TT |
| SNP67<br>AA | SNP68<br>TT | SNP69<br>CC | SNP70<br>CC | SNP72<br>GG | SNP73<br>CC | SNP75<br>CC | SNP76<br>GG | SNP77<br>TT | SNP78<br>GG | SNP79<br>CT | SNP80<br>GA | SNP81<br>GG | SNP82<br>CC | SNP83<br>CT | SNP84<br>CC | SNP85<br>AA | SNP86<br>CC | SNP88<br>GA |             |             |             |



14-049488

RESULTS REVIEWED AND CONFIRMED BY:

Dr. Noam Pik BVs MDSV

George Sofronidis BSc (Hons)