

# GENETIC ANALYSIS REPORT



**Breed Specific  
Medicine**

## OWNER'S DETAILS

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## ANIMAL'S DETAILS *Fired*

**Registered Name:** Penita All Fixed Up  
**Pet Name:** Echo  
**Breed:** English Cocker Spaniel

**Registration No:** 7100029068  
**Microchip No:** 956000003028571  
**Sex:** Female

## COLLECTION DETAILS

**Case Number:** 14-026416  
**Collected By:** Peter Scott

**Date of Test:** 22/10/14  
**Approved Coll. Mthd.:** Yes

Sample with Lab ID Number 14-026416 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)  
DEGENERATIVE MYELOPATHY (NORMAL / CLEAR - NO MUTATION DETECTED)  
AUTOSOMAL HEREDITARY RECESSIVE NEPHROPATHY (NORMAL / CLEAR - NO MUTATION DETECTED)  
PROGRESSIVE ROD CONE DEGENERATION - PRA (NORMAL BY PARENTAGE HISTORY)

**TRAIT(S):** A-LOCUS AGOUTI (at/at - TRICOLOR/TANPOINTS (NO HIDDEN COLORS / 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) (KK - DOMINANT FOR K WILL NOT BE BRINDLED or EXPRESS AGOUTI)  
E-LOCUS (EXTENSION - YELLOW/RED/CREAM/APRICOT (NORMAL EE - DOMINANT BLACK)

**DNAPROFILE** The DNA Profile below represents the genetic identification of Penita All Fixed Up

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



14-026416

## RESULTS REVIEWED AND CONFIRMED BY:

*[Signature]*  
Dr. Noam Pik BVs MDSV

*[Signature]*  
George Sofronidis BSc (Hons)