

# GENETIC ANALYSIS REPORT

## OWNER'S DETAILS

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## ANIMAL'S DETAILS

**Registered Name:** Suedanka Angel N Disguise  
**Pet Name:** Angel  
**Breed:** Cocker Spaniel  
**Date of Birth / Age:**

**Registration No:** 03221-2014  
**Microchip No:** 900108001000884  
**Sex:** Female  
**Colour:**

## COLLECTION DETAILS

**Case Number:** 15-026730  
**Collected By:** Dr. M. L. Jansen BVSC

**Date of Test:** 02/09/15  
**Approved Coll. Mthd.:** Yes

*Sample with Lab ID Number 15-026730 was received at Orivet Genetics, DNA was extracted and analysed with the following results reported:*

**DISEASE(S):** EXERCISE INDUCED COLLAPSE - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**  
AUTOSOMAL HEREDITARY RECESSIVE NEPHROPATHY - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**  
PHOSPHOFRUCTOKINASE (PFK) DEFICIENCY - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**  
PROGRESSIVE ROD CONE DEGENERATION - PRA - **CARRIER (ONE COPY OF VARIANT DETECTED)**

**TRAIT(S):** A-LOCUS AGOUTI - **at/at** - **TAN POINTS-TAN POINTS MAY BE BRINDLED (SEE K LOCUS)**  
B (TYRP1 LOCUS) BROWN/CHOCOLATE - **BB** - **DOES NOT CARRY BROWN or CHOCOLATE**  
DILUTE MLPH GENE (BLUE/GREY) - **DD** - **NO COPY OF MLPH-D ALLELE**  
K-LOCUS (DOM BLACK/WILD TYPE) - **KK** - **DOMINANT BLACK WILL NOT BE BRINDLED or EXPRESS AGOUTI**  
EM-LOCUS MELANISTIC MASK ALLELE - **E<sup>m</sup> E** - **NO MASKING (Em) EXTENSION ALLELE**  
E (EXTENSION) LOCUS MC1R - **Ee** - **CARRIES EXTENSION (YELLOW/WHITE/APRICOT/RUBY)**

*Please note: The current B-Locus [TYRP1] does not include the stop codon [bs] mutation. This may cause the result shown for some breeds to be incomplete. Dog may be Bb or bb.*



## RESULTS REVIEWED AND CONFIRMED BY:

Dr. Noam Pik BVs MDSV

George Sofronidis BSc (Hons)