

# Parentage Analysis Report

#### **Owner Details**

**Carla Simmons** 

## **Animal Details**

Registered Name: Pet Name: Tallai Fergus
Registration Number: Breed: Labradoodle
Microchip Number: 953010006399431 Sex: Intact Male

Date of Birth: 21/5/2023 Colour:

#### **Collection Details**

Case Number: 23M095954 Approved Collection Method: 

Yes

Collected By: Dr. Lisa Butler Date of Analysis: 22/04/2024

Sample with Lab ID Number 23M095954 was received at Orivet Genetics, DNA was extracted and analysed with the following result reported:

# Parentage Verification: QUALIFY

After examining the DNA markers, it can be concluded that in combination the Dam Tallai Freia (Tallai Freia), Microchip No. 953010004918389,Registration No. (Case No.: 21N12662) and the Sire (Nicnak McGuinness), Microchip No.900079000727653 No. (Case No.: 20N13903) QUALIFY as the parents of the offspring identified on this report.

Match Percentage: 100% [189] Exclusion Percentage: 0% [0] Inconclusive Percentage: 0% [0]

# Inconclusive:

Inconclusive refers to the absence of a DNA marker (allelic dropout) at the SNP(s) identified. No DNA data was analysed at these SNPs and therefore these could not be used for parentage determination.

## **Mutations:**

Mutations are simply random DNA coding (reading) errors that occur during replication. They represent a simple (one base) source of generation to generation variability. Mutation or reading slippage errors are usually seen at certain markers and when examining parentage will be associated at a specific marker. The markers are identified on the report.

#### **Exclusions:**

The DNA interrogated at these SNPs is not present in the parent examined, therefore based on the autosomal recessive mode of inheritance of the alleles, parentage is excluded. Exclusions are 100%.

# Results reviewed and confirmed by:

Dr Noam Pik BVSc, BMVS, MBA, MACVS

George Sofronidis BSc (Hons)

