

OWNER

Scirocco Ilenia Flora

Via Provinciale Barge 3,Envie,12030,Italy

Membership Number : Not Assigned

Member Body/Breed Club : Not Assigned



SINGLE REPORT

Accredited and Compliant with



IPFD  Harmonization of Genetic Testing for Dogs
DogWellNet

OWNER'S DETAILS



Name : Scirocco Ilenia Flora
Address : Via Provinciale Barge 3,Envie,12030,Italy

ANIMAL'S DETAILS

Registered Name : La Loggia Dei Quattro Dagaz Of Eihwaz
Pet Name : Steekiz
Registration Number : Lo it* ENFI 4899
Breed : Devon Rex
Microchip Number : 380260101252840
Sex : Female
Date of Birth : 13th Apr 2019
Colour : Black tortie arlequin

SAMPLE COLLECTION DETAILS

Case Number : 21205991
Collected By :
Approved Collection : NO
Sample Type : SWAB

TEST DETAILS

Test Requested : Congenital Myasthenic Syndrome - SINGLE ASSAY TEST
Pet Name : Steekiz
Date of Test : 11th Mar 2021

Sample with Lab ID Number 21205991 was received at Orivet Genetics, DNA was extracted and analysed with the following result reported:

RESULTS REVIEWED AND CONFIRMED BY

George Sofronidis BSc (Hons)

Dr Noam Pik BVSc, MAVS





ORIVET GENETIC SUMMARY REPORT

ANIMAL'S DETAILS

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Test Reported : CONGENITAL MYASTHENIC SYNDROME - SINGLE ASSAY TEST

Result : NEGATIVE / CLEAR [NO VARIANT DETECTED]¹

Gene : COLQ

Variant Detected : c.1190G>A

We have scanned the DNA and the genotype of this animal is NORMAL - no presence of the disease associated variant (mutation) has been detected. This result may also be referred to as NORMAL, "-/-" or "wild type (WT)" or "homozygous negative". The animal is clear of the disease and will not pass on the disease-causing variant. Can be mated with an untested animal and WILL NOT produce any positive/affected offspring.

Genetic inheritance is not a simple process, and may be complicated by several factors. Below is some information to help clarify these factors.

- 1) Some diseases may demonstrate signs of what Geneticists call "genetic heterogeneity". This is a term to describe an apparently single condition that may be caused by more than one mutation and/or gene.
- 2) It is possible that there exists more than one disease that presents in a similar fashion and segregates in a single breed. These conditions - although phenotypically similar - may be caused by separate mutations and/or genes.
- 3) It is possible that the disease affecting your breed may be what Geneticists call an "oligogenic disease". This is a term to describe the existence of additional genes that may modify the action of a dominant gene associated with a disease. These modifier genes may for example give rise to a variable age of onset for a particular condition, or affect the penetrance of a particular mutation such that some animals may never develop the condition.

The range of hereditary diseases continues to increase and we see some that are relatively benign and others that can cause severe and/or fatal disease. Diagnosis of any disease should be based on pedigree history, clinical signs, history (incidence) of the disease and the specific genetic test for the disease. Penetrance of a disease will always vary not only from breed to breed but within a breed, and will vary with different diseases. Factors that influence penetrance are genetics, nutrition and environment. Although genetic testing should be a priority for breeders, we strongly recommend that temperament and phenotype also be considered when breeding.

