Исследовательский
Центр

fractal BIO

«FBio» Co. Ltd.
190020. Russia.
Saint Petersburg, Bumazhnaya str., 17
phone: +7 (812)495-96-95
e-mail: fbiogenetika@mail.ru
http://vetlaba.ru

Maine coon HCM (hypertrophic cardiomyopathy) test

Oksana Abdulbakova			Test number: 17112016-Abd8
Cattery Family Stars	**DOB** 05.10.2016	**Electronic chip**	Report date: 21.11.2016
Breed Maine Coon	**Cat** Pirate Family Stars	**Sex** ♂	

Result

N/N

Result Codes:

N/N – Cat is homozygous for a normal type (i.e. carry two normal copies of the *MYBPC3* gene).

N/HCMmc – Cat is heterozygous for the mutant allele (one copy of the *MYBPC3* gene carry the A31P mutation).

HCMmc/HCMmc – Cat is homozygous for the A31P mutation (two copies of the *MYBPC3* gene carry the A31P mutation).

This test only detects the A31P mutation associated with HCM in Maine Coon cats and outcrosses as described by Meurs *et al.*, 2005.

The presence or absence of the mutation A31P is not indicate the presence or absence of the disease, but only describes the risk of its development.

Chief of molecular
biology laboratory
Marina A. Potekhina

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