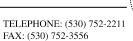
# UNIVERSITY OF CALIFORNIA, DAVIS

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VETERINARY GENETICS LABORATORY SCHOOL OF VETERINARY MEDICINE ONE SHIELDS AVENUE DAVIS, CALIFORNIA 95616-8744





SANTA BARBARA • SANTA CRUZ

# PK DEFICIENCY AND IDENTITY MARKER REPORT

TERESA SWEENEY 2461 BIRCH BARK TRAIL GROVE CITY, OH 43123

*Case:* CAT71072

Date Received: 01-Dec-2014

Print Date: 03-Dec-2014

Report ID: 2797-2753-1319-6006

Verify report at www.vgl.ucdavis.edu/myvgl/verify.html

Cat: HIGHLANDER CHUCK NORRIS

DOB: 03/24/2013 Sex: Male Breed: Maine Coon Mic

Microchip: Color: 1

Color: red tabby and white

Reg: 9740-1776978

# PYRUVATE KINASE DEFICIENCY TEST RESULT

# N/N

#### Result Codes:

N/N no copies of PK deficiency, cat is normal

N/K 1 copy of PK deficiency, cat is normal but is a carrier

K/K 2 copies of PK deficiency, cat is or will be affected. Severity of symptoms cannot be predicted\*

Erythrocyte Pyruvate Kinase Deficiency (PK deficiency) is an inherited, autosomal recessive, hemolytic anemia. Breedings between carriers will be expected to produce 25% affected kittens. Go to our website for a list of breeds at risk of PK deficiency due to a significant frequency of the mutation: www.vgl.ucdavis.edu/services/pkdeficiency.php

\*If your cat is diagnosed as homozygous for PK deficiency, we recommend that you contact your veterinarian for information on disease progression and management.

# **IDENTITY MARKERS**

LOCUS	TYPE
FCA075	S
FCA223	GW
FCA698	ST

LOCUS	TYPE
FCA220	L
FCA678	JK