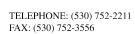
## UNIVERSITY OF CALIFORNIA, DAVIS

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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:* CAT95499

Date Received: 26-May-2017

Print Date: 30-May-2017

*Report ID:* 6931-9797-3338-2042

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

Cat: HIGHLANDER ANGELICA

Reg:

DOB: 07/11/2016 Sex: Female Breed: Maine Coon Color: brown mackeral tabby

Sire: FOREST PEARL DAVID OF HIGHLANDER Reg:
Dam: SARAJEN FRANGELICA OF HIGHLANDER Reg:

## 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.

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

For more information on PK Deficiency test results, please go to: www.vgl.ucdavis.edu/services/pkdeficiency.php

### **IDENTITY MARKERS**

LOCUS	TYPE
FCA075	S
FCA223	QW
FCA698	SZ

LOCUS	TYPE
FCA220	L
FCA678	MP