UNIVERSITY OF CALIFORNIA, DAVIS

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

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PK DEFICIENCY AND IDENTITY MARKER REPORT

GUILLAUME GUY
2114 DEZERY
MONTREAL
H1W 2S2
CANADA

Case: **CAT79261**
Date Received: 28-Oct-2015
Print Date: 30-Oct-2015
Report ID: 8398-8065-7462-4020
Verify report at www.vgl.ucdavis.edu/myvgl/verify.html

Cat: **LILY** *Reg:* **SBT021515021**

DOB: **02/15/2015** *Sex:* **Female** *Breed:* **Bengal** *Microchip:* **939000001541723** *Color:* **Mink**

Sire: DJANGO *Reg:* SBT010314012

Dam: DARK ORCHID *Reg:* SBT062110018

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	LOCUS	TYPE
FCA075	RT	*FCA220*	KL
FCA223	ET	*FCA678*	MN
FCA698	TU		