# UNIVERSITY OF CALIFORNIA, DAVIS

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



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# PKD1 AND IDENTITY MARKER REPORT

ROBIN BISHOP 409 DILLON DRIVE COPPERAS COVE, TX 76522

*Case:* CAT63303

Date Received: 03-Mar-2014

Print Date: 04-Mar-2014

Report ID: 6143-6714-2719-1064

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

Cat: ZIAKATZ LITTLE LION MAN'S DEBUT Reg: 7586-1794152

DOB: 04/09/2013 Sex: Male Breed: Exotic Shorthair Microchip: 985121011210175

 Sire:
 ALCATRAZ MAD MAX TJ OF ZIAKATZ
 Reg:
 7540-1724262 V0612

 Dam:
 MS SKITTLES OF ZIAKATZ
 Reg:
 7549-1802667 V0711

# PKD1 TEST RESULT

# N/N

### Result Codes:

N/P = Affected 1 copy of the PKD1 gene, cat has or will develop PKD. Severity of symptoms cannot be predicted\*

N/N = Normal Does not possess the disease-causing PKD1 gene.

The disease is inherited as an autosomal dominant trait, which means that a heterozygote (N/P) bred to a normal (N/N) will result in approximately half of the offspring being affected and half being normal. There are no observed homozygous affected (P/P), which suggests that the mutation is embryonic lethal. The test indicates the presence or absence of the stop mutation in the feline PKD1 gene caused by a cytosine to adenine transversion. This mutation causes feline polycystic kidney disease (PKD), which is characterized by renal, hepatic and pancreatic cysts. \*If your cat tests positive for PKD1, we recommend that you contact your veterinarian for information on disease progression and management.

## **IDENTITY MARKERS**

LOCUS	TYPE	LOCUS	TYPE
FCA075	S	FCA220	IK
FCA223	Q	FCA678	JN
FCA698	NT		

# DNA ANALYSIS CERTIFICATE

# ZIAKATZ LITTLE LION MAN'S DEBUT

**Breed:** Exotic Shorthair

Sex: Male

Color: Brown Classic Tabby

**DOB:** 04/09/2013

**Reg:** 7586-1794152

Microchip: 985121011210175

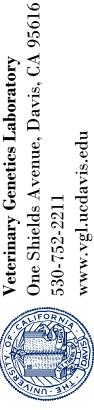
**Report ID:** 6143-6714-2719-1064 Print Date: March 4, 2014 **Case:** CAT63303





Does not possess the disease-causing PKD1 gene.





Veterinary Genetics Laboratory

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www.vgl.ucdavis.edu

COPPERAS COVE, TX 76522 409 DILLON DRIVE ROBIN BISHOP