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

## PKD1 AND PERSIAN DERIVED PRA REPORT

TELEPHONE: (530) 752-2211

FAX: (530) 752-3556

LILIIA KOTLIAR SHPINYAKA 1 DNEPROPETROVSK, 49061 UKRAINE *Case:* **CAT90923** *Date Received:* 06-Dec-2016

07-Dec-2016

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

Print Date: Report ID:

4867-9530-2720-1100

Reg: UA 196615405

Cat: YASKRAVA ZIRKA&DIVO-DIVNOE ILLUME

DOB: 10/03/2015 Sex: Male Breed: Scottish Fold Color: d 21 02

PKD1 Result	PRA-pd Result	
N/N	Not Requested	

### PKD1 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.

### **PRA-pd Result Codes:**

N/N Normal - no copies of the PRA-pd mutation.

N/PRApd Carrier - 1 copy of the PRA-pd mutation; vision appears normal. Breeding between carriers is expected to produce

25% affected kittens.

PRApd/PRApd Affected - 2 copies of the PRA-pd mutation; cat will go blind.

### **IDENTITY MARKERS**

LOCUS	TYPE	LOCUS	TYPE
FCA075	S	FCA220	K
FCA223	U	FCA678	JN
FCA698	T		

<sup>\*</sup>If your cat tests positive for PKD1, we recommend that you contact your veterinarian for information on disease progression and management.

# DNA ANALYSIS CERTIFICATE

## YASKRAVA ZIRKA&DIVO-DIVNOE ILLUME

**Breed:** Scottish Fold

Sex: Male

**Color:** d 21 02

**DOB:** 10/03/2015

Reg: UA 196615405

**Case:** CAT90923

Print Date: December 7, 2016

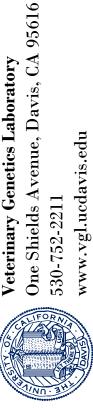
**Report ID:** 4867-9530-2720-1100





Does not possess the disease-causing PKD1 gene.





Veterinary Genetics Laboratory

530-752-2211

www.vgl.ucdavis.edu

DNEPROPETROVSK, 49061 LILIIA KOTLIAR SHPINYAKA 1 UKRAINE