## 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

## PKD1 AND PERSIAN DERIVED PRA REPORT

JÁNOS FÁBIÁN HAJNAL U. 17. PÉCS, 7627 HUNGARY

*Case:* CAT97805

Date Received: 10-Aug-2017

**Print Date:** 11-Aug-2017

Report ID: 0763-8744-8669-4128

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

Cat: JOANBENGAL BULGARI Reg: SBT 010217 032

DOB: 01/02/2017 Sex: Male Breed: Bengal Microchip: 643094100470272 Color: Brown Black Spotted Tabby

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.

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

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

N/N 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.

For more information on PKD1 and PRA-pd test results, please go to: www.vgl.ucdavis.edu/services/pckd1.php www.vgl.ucdavis.edu/services/cat/PRApd.php

## **IDENTITY MARKERS**

LOCUS	TYPE	LOCUS	TYPE
FCA075	PS	FCA220	H1/L
FCA223	GV	FCA678	JM
FCA698	Wc		

# DNA ANALYSIS CERTIFICATE

## JOANBENGAL BULGARI

**Breed:** Bengal

Sex: Male

Color: Brown Black Spotted Tabby

**DOB:** 01/02/2017

Reg: SBT 010217 032

Alt. ID: 643094100470272

**Case:** CAT97805

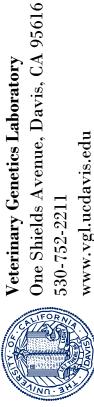
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## N

Does not possess the disease-causing PKD1 gene.





Veterinary Genetics Laboratory

530-752-2211

www.vgl.ucdavis.edu

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