



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

TELEPHONE: (530) 752-2211  
FAX: (530) 752-3556

## PKD1 AND PERSIAN DERIVED PRA REPORT

MAKI NISHIMURA TOKYO 1-8-7 KITADENEN FUSSA-SHI ,ZIP19 JAPAN	<b>Case:</b> <b>CAT95096</b> <b>Date Received:</b> 15-May-2017 <b>Print Date:</b> 16-May-2017 <b>Report ID:</b> 5945-3937-2305-1113 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a>
<b>Cat:</b> MERY <b>DOB:</b> 11/21/2014 <b>Sex:</b> Female <b>Breed:</b> Persian <b>Color:</b> Tortoiseshell White	<b>Reg:</b>

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](http://www.vgl.ucdavis.edu/services/pckd1.php)  
[www.vgl.ucdavis.edu/services/cat/PRApd.php](http://www.vgl.ucdavis.edu/services/cat/PRApd.php)

## IDENTITY MARKERS

LOCUS	TYPE	LOCUS	TYPE
FCA075	S	FCA220	IK
FCA223	QT	FCA678	J
FCA698	TY		

# DNA ANALYSIS CERTIFICATE

## MERY

**Breed:** Persian  
**Sex:** Female  
**Color:** Tortoiseshell White  
**DOB:** 11/21/2014  
**Reg:**  
**Alt. ID:**

**Case:** CAT95096  
**Print Date:** May 16, 2017  
**Report ID:** 5945-3937-2305-1113

PKD1 Result
N/N

Does not possess the disease-causing PKD1 gene.

Identity Panel
S I Q J T F C A 2 2 3 8 C A 0 7 5 9 9 8 S K J Y



**Veterinary Genetics Laboratory**  
One Shields Avenue, Davis, CA 95616  
530-752-2211  
[www.vgl.ucdavis.edu](http://www.vgl.ucdavis.edu)

**MAKI NISHIMURA**  
TOKYO  
1-8-7 KITADENEN FUSSA-SHI,  
JAPAN