



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

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**PKD1 AND PERSIAN DERIVED PRA REPORT**

|  |   |
|--|---|
| GREG STAPLES<br>1014 SNIDER'S BAY ROAD<br>GRAVENHURST ONTARIO P1P 1R2<br>CANADA  | <b>Case: CAT114910</b><br><b>Date Received: 13-May-2019</b><br>Print Date: 15-May-2019<br>Report ID: 4440-6344-5384-5100<br>Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.htm">www.vgl.ucdavis.edu/myvgl/verify.htm</a> |
| Cat: <b>OKINANEKO'S TIFFANY LA ROUGE</b> Reg: <b>MCO07EXX2-52365</b><br>DOB: <b>10/04/2017</b> Sex: <b>Female</b> Breed: <b>Maine Coon</b> Microchip: <b>952000001084605</b> Color: <b>Red Classic</b> |   |
| Sire: MINOOS JAEGER VON MAUSEN Reg: MCO07EXX1-49726<br>Dam: MINOOS SILKE MALONE Reg: MCO12XXX2-50792   |   |

| 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/pkd1.php](http://www.vgl.ucdavis.edu/services/pkd1.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 | L    |
| FCA223 | WX   | FCA678 | J    |
| FCA698 | S    |        |      |

# DNA ANALYSIS CERTIFICATE

## OKINANEKO & S TIFFANY LA ROUGE

**Breed:** Maine Coon  
**Sex:** Female  
**Color:** Red Classic  
**DOB:** 10/04/2017  
**Reg:** MCO07EXX2-52365  
**Alt. ID:** 952000001084605

**Case:** CAT114910  
**Print Date:** May 15, 2019  
**Report ID:** 4440-6344-5384-5100

| PKD1 Result                                     |
|---|
| N/N   |
| Does not possess the disease-causing PKD1 gene. |

| Identity Panel          |
|-------------------------|
| S L W J S               |
| F C A 2 3 0 F C A 6 7 8 |
| S L X                   |



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