



VETERINARY GENETICS LABORATORY
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PKD1 AND PERSIAN DERIVED PRA REPORT

| | |
|---|---|
| LILIA KOTLIAR SHPINYAKA 1 DNEPROPETROVSK, 49061 UKRAINE | Case: CAT90924 Date Received: 06-Dec-2016 Print Date: 07-Dec-2016 Report ID: 3117-0025-9085-1195 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html |
| Cat: YASKRAVA ZIRKA'S TIMOTHY DOB: 05/11/2015 Sex: Male Breed: Scottish Fold Color: n 21 02 | Reg: DRPFC 5206/15/SFL |

| 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.

IDENTITY MARKERS

| LOCUS | TYPE | LOCUS | TYPE |
|--------|------|--------|------|
| FCA075 | S | FCA220 | IK |
| FCA223 | UW | FCA678 | N |
| FCA698 | TZ | | |

DNA ANALYSIS CERTIFICATE

YASKRAVA ZIRKA'S TIMOTHY

Breed: Scottish Fold

Sex: Male

Color: n 21 02

DOB: 05/11/2015

Reg: DRPFC 5206/15/SFL

Alt. ID:

Case: CAT90924

Print Date: December 7, 2016

Report ID: 3117-0025-9085-1195

PKD1 Result

N/N

Does not possess the disease-causing PKD1 gene.

Identity Panel

| | | | | |
|---|---|---|---|---|
| S | I | U | N | T |
| F | C | F | F | F |
| A | A | C | C | C |
| 0 | 2 | 2 | 9 | 9 |
| 5 | 0 | 3 | 8 | 8 |
| S | K | W | N | Z |



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