



VETERINARY GENETICS LABORATORY  
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## PKD1 AND PERSIAN DERIVED PRA REPORT

LILIA KOTLIAR SHPINYAKA 1 DNEPROPETROVSK, 49061 UKRAINE	<b>Case:</b> <b>CAT91293</b> <b>Date Received:</b> 27-Dec-2016 <b>Print Date:</b> 28-Dec-2016 <b>Report ID:</b> 5873-3489-8089-4117 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a>
<b>Cat:</b> BONNE CHANCE CARDINAL BLACK	<b>Reg:</b> NC-SFT(L)12-5286
<b>DOB:</b> 10/10/2012 <b>Sex:</b> Male <b>Breed:</b> Highland Fold <b>Microchip:</b> 80409560000222121 <b>Color:</b> n 22 03	

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	ST	FCA220	IK
FCA223	U	FCA678	N
FCA698	TZ		

# DNA ANALYSIS CERTIFICATE

## BONNE CHANCE CARDINAL BLACK

**Breed:** Highland Fold

**Sex:** Male

**Color:** n 22 03

**DOB:** 10/10/2012

**Reg:** NC-SFT(L)12-5286

**Alt. ID:** 80409560000222121

**Case:** CAT91293

**Print Date:** December 28, 2016

**Report ID:** 5873-3489-8089-4117

### PKD1 Result

N/N

Does not possess the disease-causing PKD1 gene.

### Identity Panel

S	I	U	F	C	A	2	3	0	K
T	N	A	9	7	8	N	Z		
F	C	A	0	5	T				
T	F	C	A	9	9	8	Z		



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