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PKD1 AND IDENTITY MARKER REPORT

SABIN J. BIZKARRALEGORRA-BRAVO ██████████ E-48011 BILBO - BIZKAIA - BASQUE SPAIN	**Case:** CAT61752 **Date Received:** 03-Jan-2014 **Report Date:** 10-Jan-2014 **Report ID:** 8807-0287-3238-2100 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html

Cat: **FABY-CATS ISOLDE**				*Reg:* (DK)FD LO 210664
DOB: **06/24/2012**	*Breed:* **AB**	*Sex:* **F**		*Microchip:* **208210000394791**
Sire: FABY-CATS DIMITRI				*Reg:* (DK)FD LO 158625
Dam: FABY-CATS GIGI				*Reg:* (DK)FD LO 202502

PKD1 TEST RESULT

N/N

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.   The test indicates the presence or absence of the stop mutation in the feline PKD1 gene caused by a cytosine to adenine transversion. This mutation causes feline polycystic kidney disease (PKD), which is characterized by renal, hepatic and pancreatic cysts.   *If your cat tests positive for PKD1, we recommend that you contact your veterinarian for information on disease progression and management.

IDENTITY MARKERS

LOCUS	TYPE	LOCUS	TYPE
FCA075	R	FCA220	L
FCA223	MU	FCA678	KN
FCA698	Ta		

the following veterinarian certifies that he collected and sent the sample and that has verified these results:

Javier A. Zorriqueta Gojenola
Colegiado nº 661

This test is performed under a license agreement with the University of California.