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## PROGRESSIVE RETINAL ATROPHY (PRA) REPORT

<b>SABIN J. BIZKARRALEGORRA-BRAVO</b>  E-48011 BILBO - BIZKAIA - BASQUE SPAIN		<b>Case: CAT61752</b> <b>Date Received: 03-Jan-2014</b> <b>Report Date: 10-Jan-2014</b> <b>Report ID: 7094-5011-2028-1131</b> Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a>
<b>Cat: FABY-CATS ISOLDE</b> <b>DOB: 06/24/2012</b> <b>Breed: AB</b> <b>Sex: F</b> <b>Microchip: 208210000394791</b>		<b>Reg: (DK)FD LO 210664</b>
<b>Sire: FABY-CATS DIMITRI</b> <b>Dam: FABY-CATS GIGI</b>		<b>Reg: (DK)FD LO 158625</b> <b>Reg: (DK)FD LO 202502</b>

PRA-CEP290	PRA-CRX Result
N/N	N/N

### Result Codes for PRA-CEP290:

N/N	Normal, cat does not have rdAc mutation*
N/rdAc	Carrier, cat has one copy of rdAc mutation. Breeding between carriers is expected to produce 25% affected kittens
rdAc/rdAc	Affected

rdAc is a progressive retinal atrophy that causes late-onset blindness.\* Affected cats are born with normal vision, show retinal degeneration at about 7 months and are blind by age 3-5 years. The condition is inherited as an autosomal recessive, and there is no treatment. \* This test only detects the mutation in the CEP290 gene known to cause PRA-rdAc in Abyssinian, Somali, Ocicat, Siamese and related breeds, American Curl, American Wirehair, Bengal, Cornish Rex, Munchkin, Singapura and Tonkinese.

### Result Codes for PRA-CRX

N/N	Normal, cat does not have Rdy mutation**
N/Rdy	Affected, cat has one copy of the Rdy mutation. This cat will produce affected kittens 50% of the time when bred to a normal cat, or 75% of the time when bred to another cat
Rdy/Rdy	Affected, cat will always produce affected kittens.

Rdy is an early-onset retinopathy caused by a defective protein that is critical for eye development.\*\* Affected kittens display dilated pupils and sluggish pupillary reflexes around 2 weeks of age and often become blind by about 7 weeks of age. The condition is inherited as an autosomal dominant trait, and there is no treatment. \*\* This test only detects the mutation in the CRX gene known to cause PRA-Rdy in Abyssinian and Somali breeds.

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

*Javier A. Zorriquetta Gojenola*  
Colegiado nº 661

