



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

TELEPHONE: (530) 752-2211
FAX: (530) 752-3556

PROGRESSIVE RETINAL ATROPHY (PRA) REPORT

SABIN J. BIZKARRALEGORRA-BRAVO [REDACTED] E-48011 BILBO - BIZKAIA - BASQUE SPAIN	Case: CAT85627 Date Received: 09-Jun-2016 Print Date: 10-Jun-2016 Report ID: 7352-9122-1918-0033 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Cat: GIC ABYMYSTICA FLASH ROYAL OF KENZOO DOB: 06/18/2010 Sex: Male Breed: Abyssinian Microchip: 208250001015974	Reg: RU-0135-03-2010-748-LO-ABY
Sire: SGC ABYMYSTICA ARCTUR Dam: GRC OMNIAMEA REGINA DI SOLE	Reg: WCF SBT 081909 049 Reg: WCF SBT 070109 002

PRA-CEP290 Result	PRA-CRX Result
	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 with one copy of the Rdy mutation.
- 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 sealed the samples and that has verified these results:

BRIS
 VETERINARIA
 ALKUTURGA
 Javier Zorriquetta
 BI 66 Bilbao (Bizkaia)
 (+34) 94.410.14.60