UNIVERSITY OF CALIFORNIA, DAVIS

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PROGRESSIVE RETINAL ATROPHY (PRA) REPORT

PATRIZIA REINWAND DURNWALDER
KLOSTERWEG NR. 30, 39035 WELSBERG
KLOSTERWEG NR. 30, 39035 WELSBER
ITALY

Case: **CAT52434**
Date Received: 28-Jan-2013
Report Date: 31-Jan-2013
Report ID: 3484-4637-6831-3171
Verify report at https://www.vgl.ucdavis.edu/myvgl/verify.html

Cat: **SUNTOUCHED LE PHANTE** *Reg:* **SBT 072611 018**
DOB: **07/26/2011** *Breed:* **BG** *Sex:* **M** *Microchip:* **985154000333654**

Sire: RW SGC SUNTOUCHD SANTANA *Reg:* SBT 041310 018
Dam: RW SGC SUNTOUCHED BELLE FILLE *Reg:* SBT 060309 033

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.