

**TYPE B PRA TEST REPORT**

**Owner:** Therese Winscher  
Gamla Strangnasv 313,  
Nykvarn, 15591  
Sweden

**OG#: 17-5065    Test Completed: 10/25/2017**

**TEST RESULT: HOMOZYGOUS WILD TYPE/CLEAR**

**Call Name: Blackie**

**Breed: Miniature Schnauzer**

**Registered Name: Sailer's The perfect choice black label**

**Registered Number: Se10298/2016**

**ID Number: 985170002666338**

**Birthdate: 10/10/2016    Sex: m**

Dear Therese,

We have tested your **Miniature Schnauzer, Blackie**, for Type B PRA:

**Test Result: HOMOZYGOUS WILD TYPE/CLEAR**

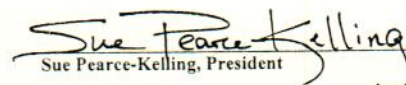
This dog's genotype for the predictive genetic marker, "Type B PRA Risk Variant" in Miniature Schnauzers is **Homozygous Wild Type/Clear**. It does not carry any copies of the Type B Risk Variant and is not at risk of developing this form of PRA. Dogs with this genotype can still develop other forms of PRA as, in the Miniature Schnauzer breed, there are at least two forms of PRA, i.e. the Type A PRA mutation and also an as yet uncharacterized PRA-causing mutation.

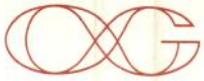
**Recommendations for Breeding:**

It is recommended that breeding pairs be selected in a way that would not produce puppies that carry two copies of (i.e. are Homozygous Risk Variant for) the Type B PRA Risk Variant. Mating of this dog with dogs that are either Homozygous Wild Type or Heterozygous for the Risk Variant will never produce puppies that are Homozygous for the Risk Variant. For further information, please consult the OptiGen website at [www.optigen.com](http://www.optigen.com)

DNA tests do not replace the importance of yearly examinations by your veterinary ophthalmologist.

October 25, 2017  
Date of Report

  
Sue Pearce-Kelling, President



**Test Report**

**Therese E. Winscher  
Gamla Strangnasv 313  
Nykvarn, 15591  
Sweden**

**Optigen Accession #: 17-5065  
Report issued for: Blackie**

*OptiGen Test Certificate*

**Optigen Accession #: 17-5065**

**Test Completed: 10/26/2017  
Report Issued: 10/26/2017**

**Test Performed: Type A test for PRA**

**Result: Normal  
Sample Type: Blood**

**Registered Name: Sailer's The perfect choice black label**

**Reg#: Se10298/2016**

**Breed: Miniature Schnauzer**

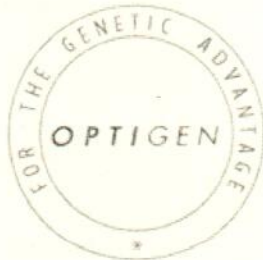
**ID#: 985170002666338**

**Sex: Male**

**Date of Birth: October 10, 2016**

**Owner(s):**

**Therese E. Winscher**



*Susan Peasartelling*  
**OptiGen Authorized Signature**

[www.optigen.com](http://www.optigen.com)

Test Results: Genotype of this dog is Normal/Clear. It will transmit only the normal gene to its progeny.

Risk for Developing Type A-PRA: This dog will never develop the Type A form of PRA. DNA testing does not replace the value of routine eye exams.

Recommendation for Breeding: OptiGen recommends breeding only animals that test normal/clear for Type A-PRA. Neither affecteds NOR carriers should be used in breeding programs. This is because the Type A-PRA mutation can cause disease in some carriers and all dogs testing affected are or will be affected. Note that PRA in Miniature Schnauzers consists of at least two different genetic defects; a dog of known status for Type A-PRA could still be at risk for another form of PRA.

This interpretation is based on the test result of the DNA test for the specific mutation identified as causing Type A PRA in Miniature Schnauzers as of the date on this report.

For further information, please consult OptiGen's website at [www.optigen.com](http://www.optigen.com).

**International DNA Based Genetic Database:** To register this result with OFA, make a copy, sign below, mail WITH FEE, to OFA, 2300 E. Nifong Blvd, Columbia, MO 65201-3856 or FAX to 573-875-5073. [www.ofa.org](http://www.ofa.org)

I hereby certify that the sample submitted was of the animal described on this application. I authorize the OFA to release all information on the test results thus placing the results in the public domain and I hereby release OFA from any and all liability associated with the release of test information

Signature of owner or authorized representative: \_\_\_\_\_