

Black Russian Terrier	
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Ocular disorders known or presumed to be inherited (published)

	Diagnosis	Description and comments specific to the breed	Inheritance	Gene/ marker test	References
A	POANV(polyn europathy, with ocular abnormalities and neuronal vacuolation)- Microphthalmia -Cataracts-PPM (Iris to iris)	Dogs with this variant are not reported to survive past 6 months	Autosomal recessive	RAB3GAP 1	1

The ECVO's advice relating to hereditary eye disease control

Please see ECVO Manual chapter 8: VET advice

Recommendations regarding age and frequency for eye examinations

Please see ECVO Manual chapter 7: ECVO Age and Frequency recommendations

Other ocular disorders (reported)

	Diagnosis	Source
A	Cataract	ACVO genetics committee
B	Persistent pupillary membranes	ACVO genetics committee
C	Distichiasis	ACVO genetics committee

References

1. Mhlanga-Mutangadura T, Johnson GJ, Schnabel RD, et al. A mutation in the Warburg syndrome gene, RAB3GAP1, causes a similar syndrome with polyneuropathy and neuronal vacuolation in Black Russian Terrier dogs. *Neurobiology of Disease*. 2016;86:75-85.