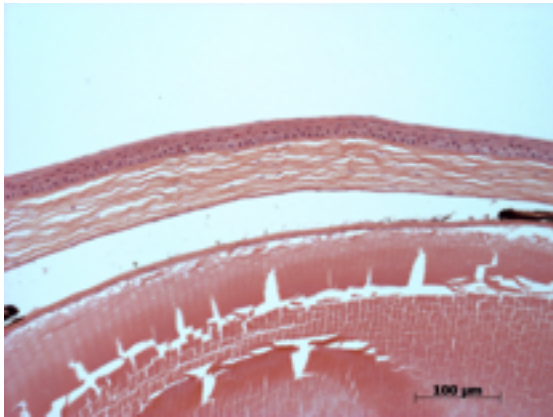


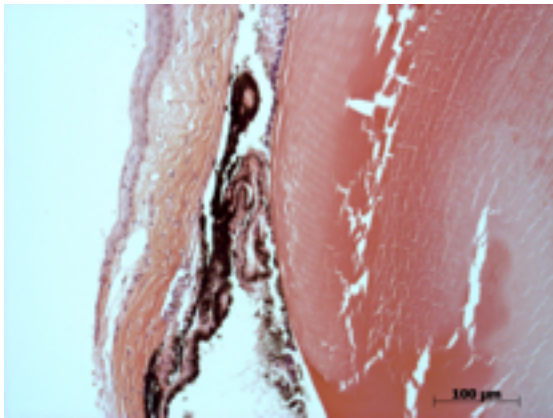
Abnormal Findings: Retinal degeneration, small eye.

EYE Phenotype



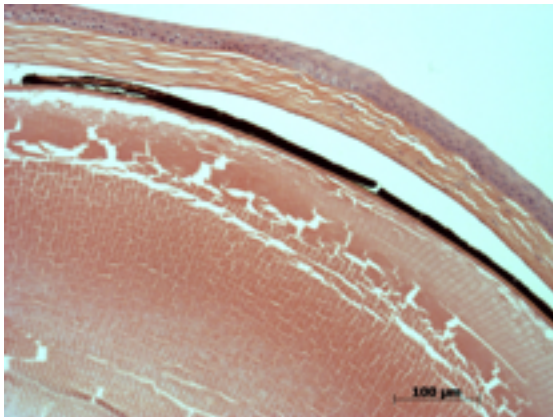
Cornea:

6/6. Normal corneal epithelium, stroma, and endothelium.



Anterior chamber:

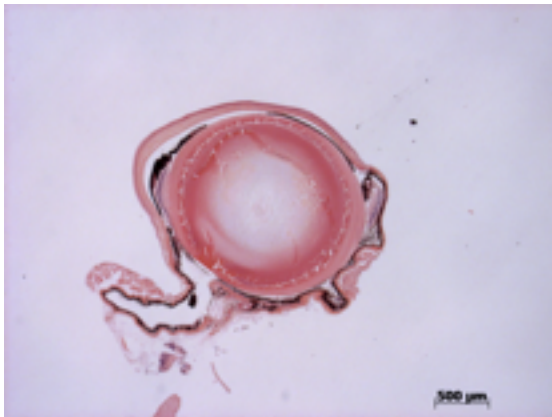
1/6. The anterior chamber was collapsed.



Iris:

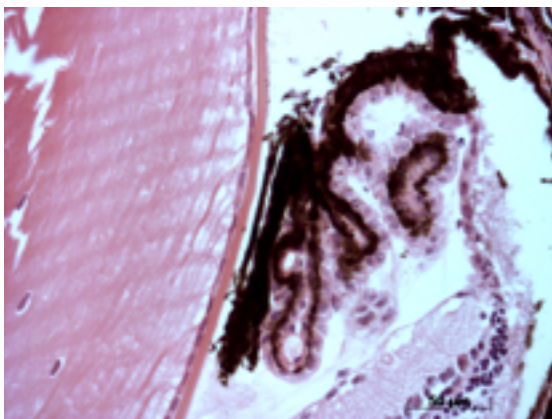
1/6. The iris showed normal pigmentation without rubeosis or pupillary membranes.

Sanger Colony: MCKX



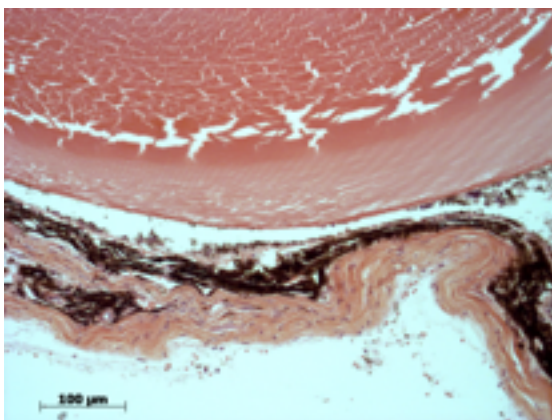
Lens:

1/6. No cataract was observed. The eye was small.



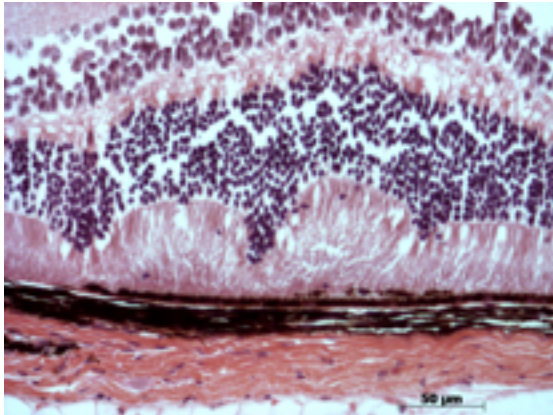
Ciliary body:

1/6. Normal stroma, pigmented and nonpigmented layers were present along with cilia.



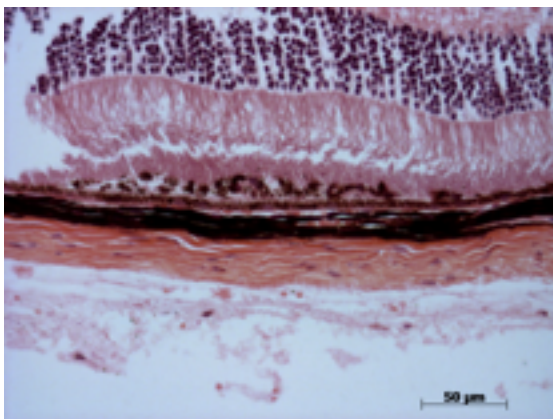
Vitreous:

1/6. The vitreous space was collapsed.



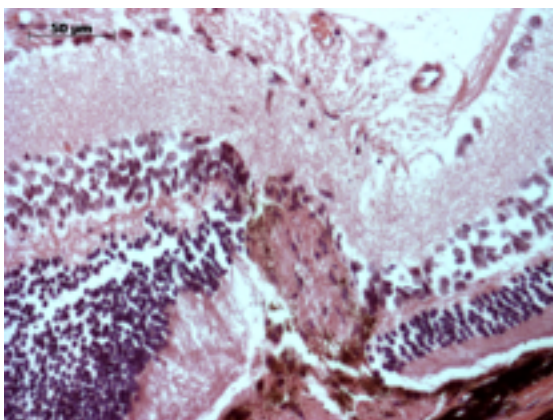
Retina:

5/6. The retinal ganglion, inner nuclear and photoreceptor layers were abnormal. There were areas of photoreceptor degeneration.



Retinal pigment epithelium and Choroid:

4/6. RPE cells were noted in the subretinal space. Bruch's membrane is intact. No neovascular membranes were noted.



Optic Nerve:

6/6. The nerve is normal.

Methods. 6 eyes from 3 male mice were enucleated by blunt dissection and fixed. Pupil-optic nerve sections were processed with hematoxylin and eosin, and standard images were captured under light microscopy for review.