

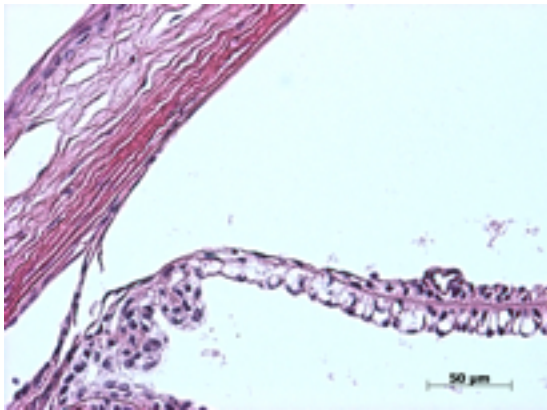
Abnormal Findings: Albino phenotype.

EYE Phenotype



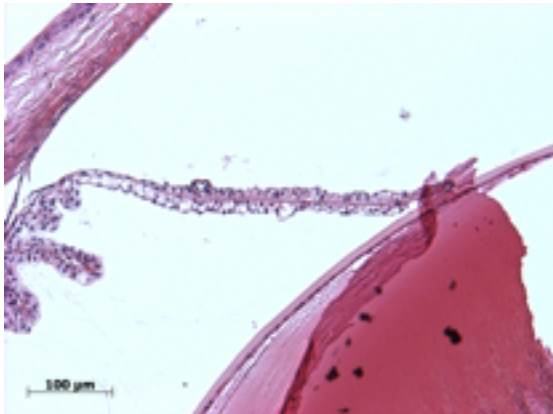
Cornea:

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



Anterior chamber:

6/6. The anterior chamber was of normal depth without cells, and the angle appeared open.



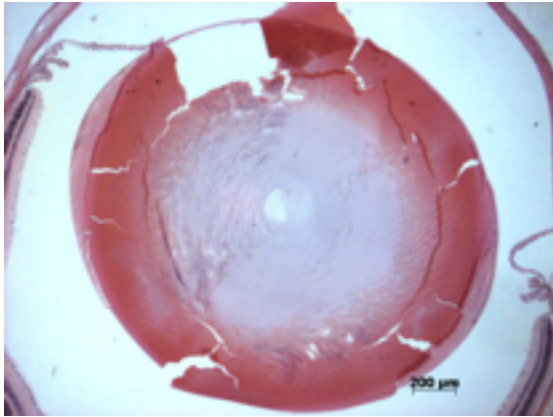
Iris:

6/6. The iris was thin and showed no pigmentation, no rubeosis, and no pupillary membranes.

Gene: **Arpc4**

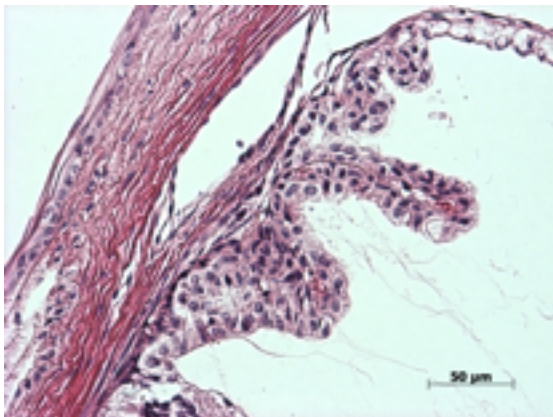
Genotype **+/-**

Sanger Colony: MALT



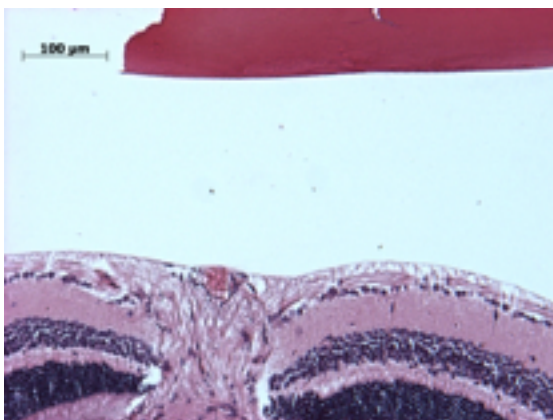
Lens:

6/6. No cataract was observed.



Ciliary body:

6/6. Normal stroma and nonpigmented layers were present. There was no pigmentation, and the cilia were blunted.



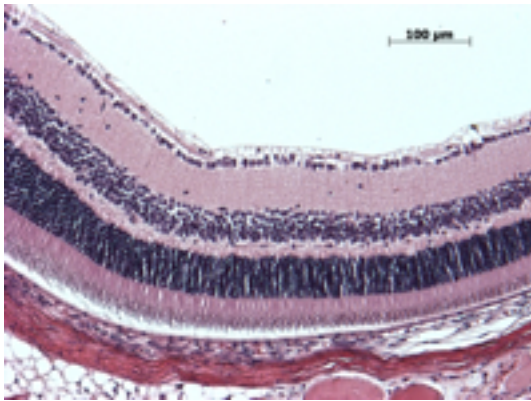
Vitreous:

6/6. No abnormal opacities or cells.

Gene: **Arpc4**

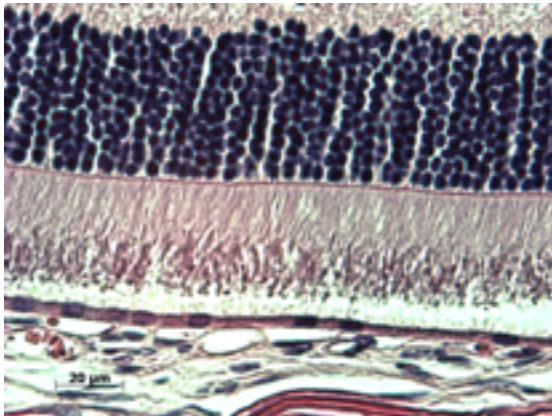
Genotype + / -

Sanger Colony: MALT



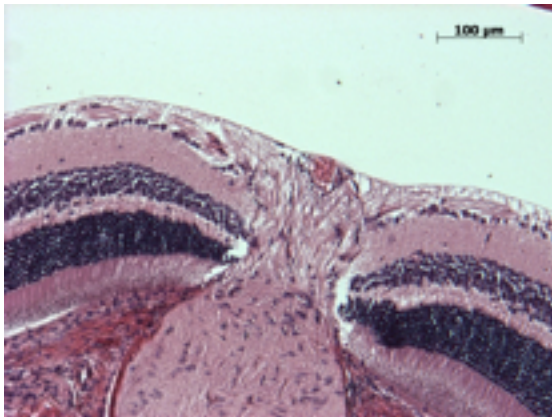
Retina:

6/6. The retinal ganglion, inner nuclear and photoreceptor layers are normal. There is an artifactual detachment.



Retinal pigment epithelium and Choroid:

6/6. No pigmentation. Bruch's membrane is intact. No neovascular membranes were noted.



Optic Nerve:

6/6. The nerve was 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.