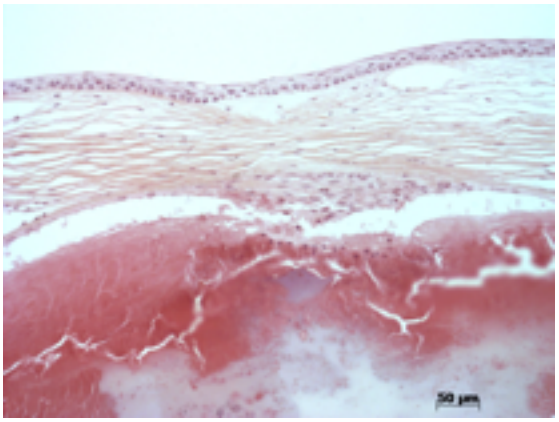
Gene: Fbxo47 Genotype +/-

Sanger Colony: MDTZ

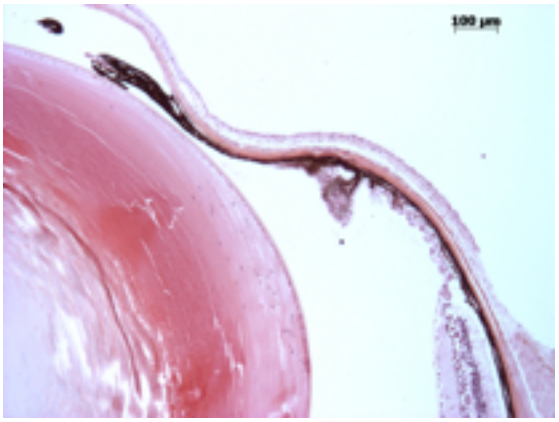
Abnormal Findings: Cornea (MP:0001307) (MP:0009825), CB (MP:0005099).

EYE Phenotype



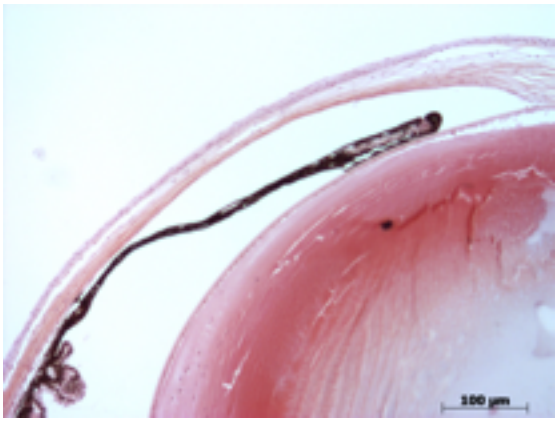
Cornea:

1/6. In one eye, the corneal stroma showed vacuolated spaces, and the endothelium was adherent to the lens.



Anterior chamber:

1/6. The anterior chamber was shallow in one eye; there were no cells, and the angle appeared open.

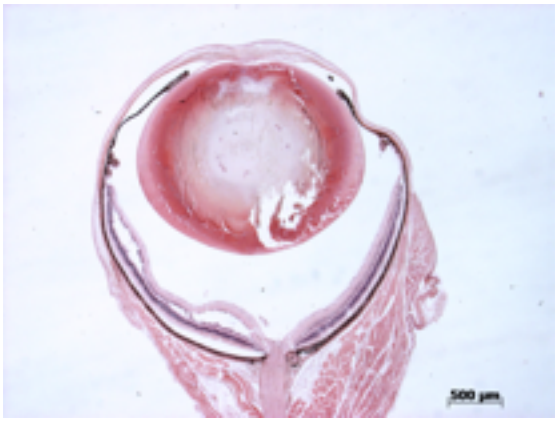


Iris:

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

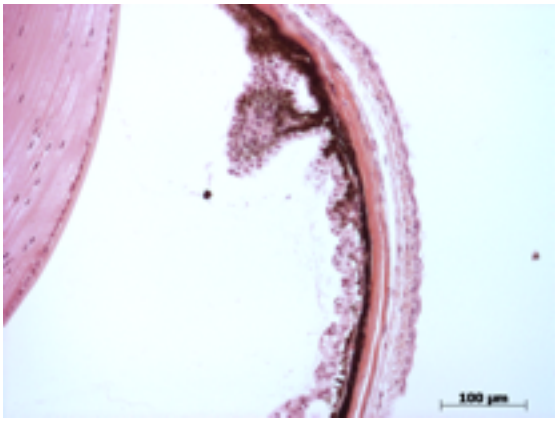
Gene: Fbxo47 Genotype +/-

Sanger Colony: MDTZ



Lens:

1/6. One eye had cataract was observed.



Ciliary body:

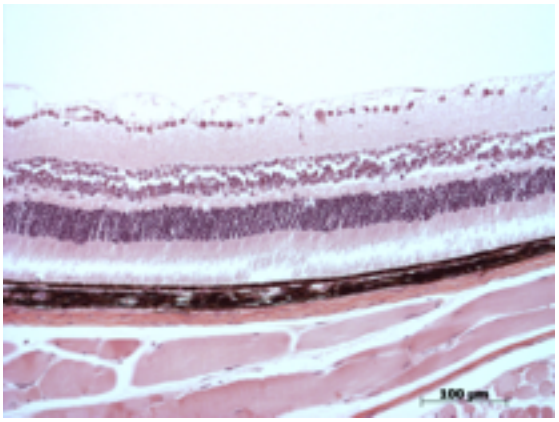
2/6. There was blunted ciliary processes

Vitreous:

6/6. No abnormal opacities or cells.

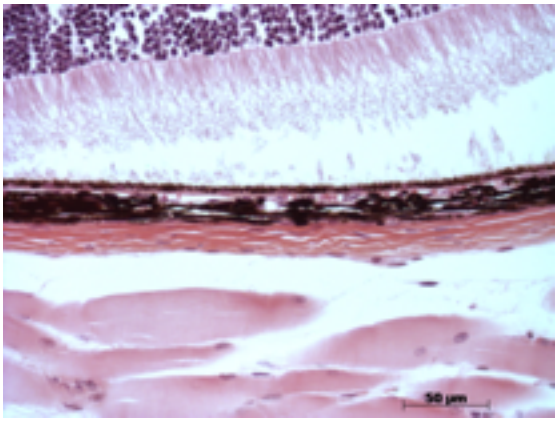
Gene: Fbxo47 Genotype +/-

Sanger Colony: MDTZ



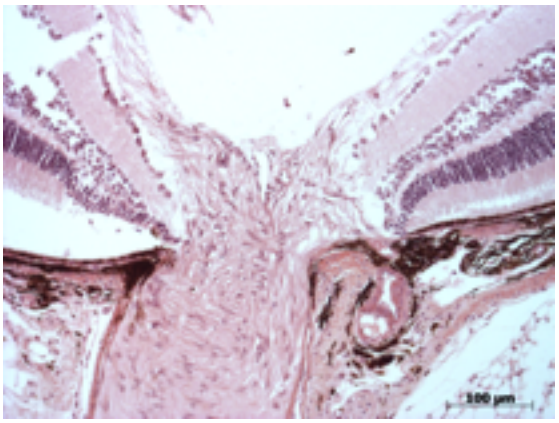
Retina:

6/6. The retinal ganglion, inner nuclear and photoreceptor layers are normal.



Retinal pigment epithelium and Choroid:

6/6. Normal pigmentation. 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.