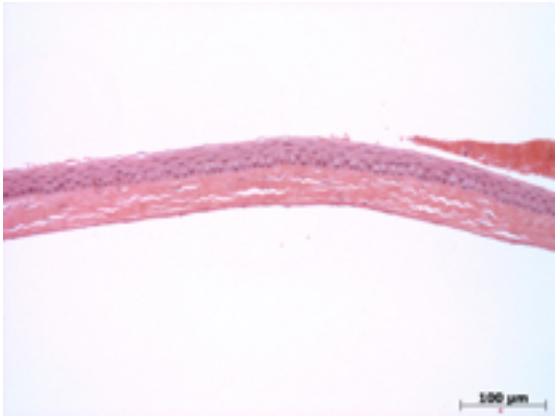
Gene: Dscc1 Genotype -/-

Sanger Colony: MBTX

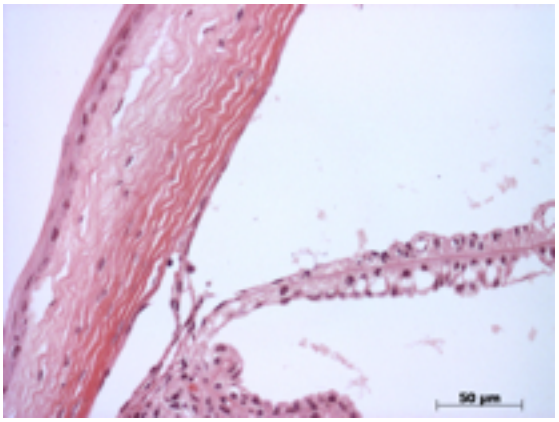
Abnormal Findings: None.

EYE Phenotype



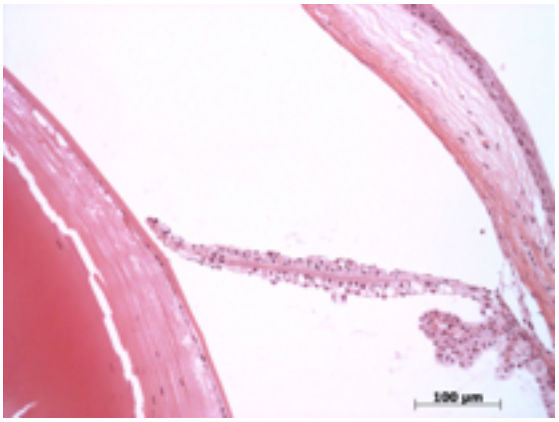
Cornea:

4/4. Normal corneal epithelium, stroma, and endothelium.



Anterior chamber:

4/4. The anterior chamber was of normal depth without cells, and the angle appeared open.

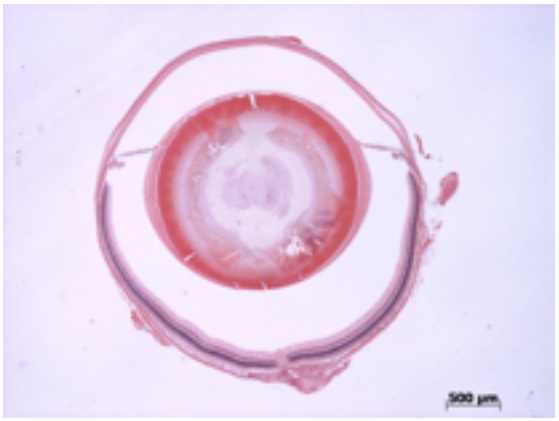


Iris:

4/4. The iris showed normal pigmentation without rubeosis or pupillary membranes.

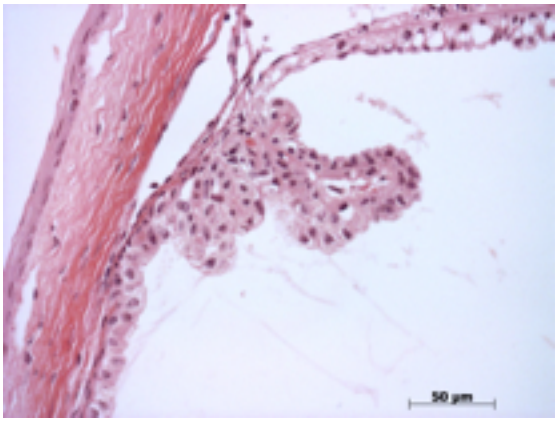
Gene: Dscc1 Genotype -/-

Sanger Colony: MBTX



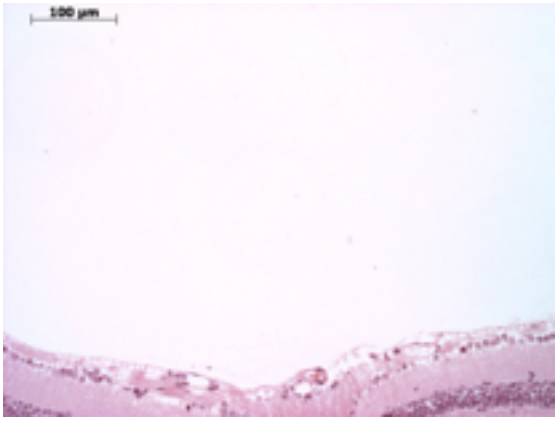
Lens:

4/4. No cataract was observed.



Ciliary body:

4/4. Normal stroma, pigmented and nonpigmented layers were present along with cilia.

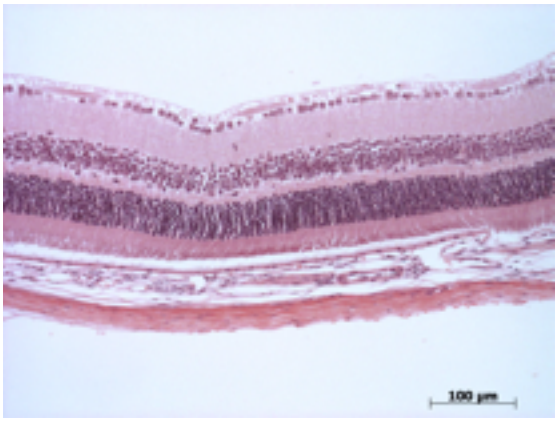


Vitreous:

4/4. No abnormal opacities or cells.

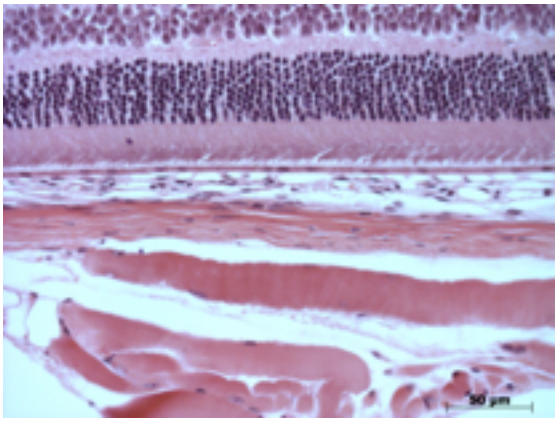
Gene: Dscc1 Genotype -/-

Sanger Colony: MBTX



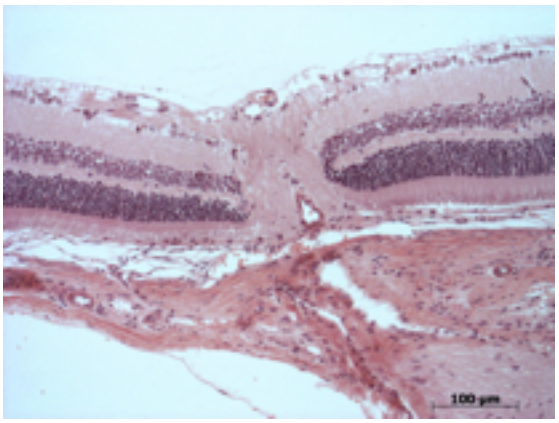
Retina:

4/4. The retinal ganglion, inner nuclear and photoreceptor layers are normal.



Retinal pigment epithelium and Choroid:

4/4. Normal pigmentation. Bruch's membrane is intact. No neovascular membranes were noted.



Optic Nerve:

4/4. The nerve is normal.

Methods. 4 eyes from 2 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.