# Gene: Mfsd2b

Sanger Colony: MAPC

### Abnormal Findings: None.

# **EYE** Phenotype



#### Cornea:

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

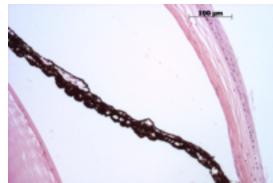
### Anterior chamber:

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

Iris:

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







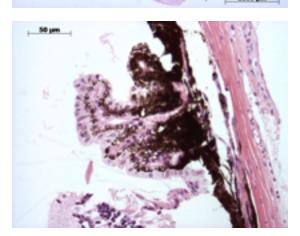
# Gene: Mfsd2B

# Genotype -/-

Sanger Colony: MAPC

## Lens:

6/6. No cataract was observed.



### **Ciliary body:**

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

Vitreous:

6/6. No abnormal opacities or cells.

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Genotype -/



Sanger Colony: MAPC

### 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.