## Gene: Stard5

Sanger Colony: MBSU

### Abnormal Findings: None.

## **EYE** Phenotype



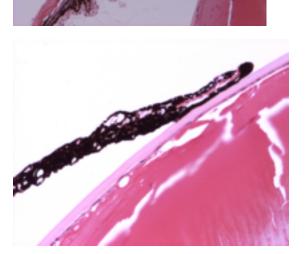
#### Cornea:

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

Genotype -/-

# 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: Stard5

## Genotype -/-



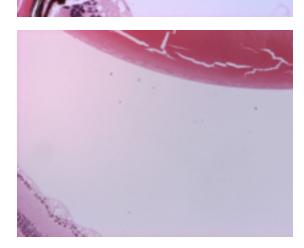
Sanger Colony: MBSU

### Lens:

**1/6.** Central cataract was observed in only one eye.

### **Ciliary body:**

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



#### Vitreous:

**6/6.** There were no abnormal opacities or cells.

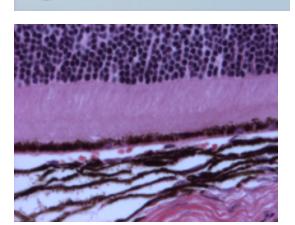
## Gene: Stard5



Sanger Colony: MBSU

### Retina:

6/6. The retina layers appear normal.



100 µm

## **Retinal pigment epithelium and Choroid:**

6/6. Normal pigmentation. Bruch's layer 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.