# Gene: Scl35f1

Sanger Colony: MBNY

### Abnormal Findings: Albino.

## **EYE** Phenotype

Sector States and



#### 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:

School Bolones

100 µm

**6/6.** The iris was not pigmentated, there was no rubeosis or pupillary membranes.

This report was prepared by Vinit Mahajan M.D., Ph.D. and Stephen Tsang M.D., Ph.D. on 12/18/2009. http://genome.uiowa.edu/labs/mahajan/mahajanlab@gmail.com

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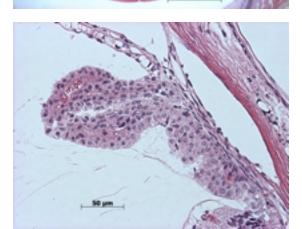
## Genotype -/-



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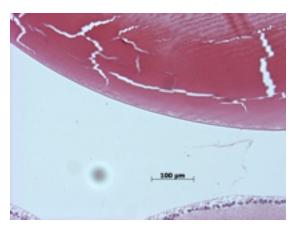
### Lens:

6/6. No cataract was observed.



### Ciliary body:

6/6. Pigmentation is absent and the cilia are poorly developed.



### Vitreous:

6/6. No abnormal opacities or cells.

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Genotype -/-



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#### Retina:

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

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

6/6. No pigmentation of RPE. 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.

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