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

PAGE 1

Gene: Scl35f1

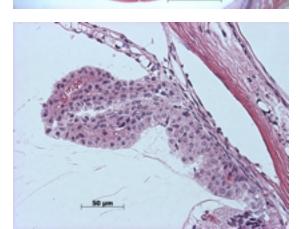
Genotype -/-



Sanger Colony: MBNY

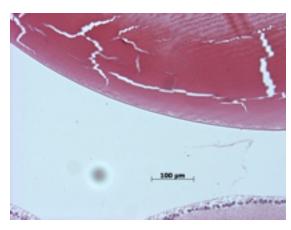
Lens:

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.

Gene: Scl35f1

Genotype -/-



Sanger Colony: MBNY

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.

> 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

PAGE 3

