

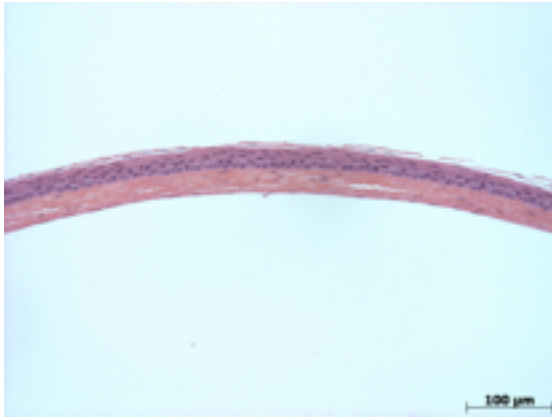
Gene: **Csrp2bp**

Genotype **-/-**

Sanger Colony: MBDX

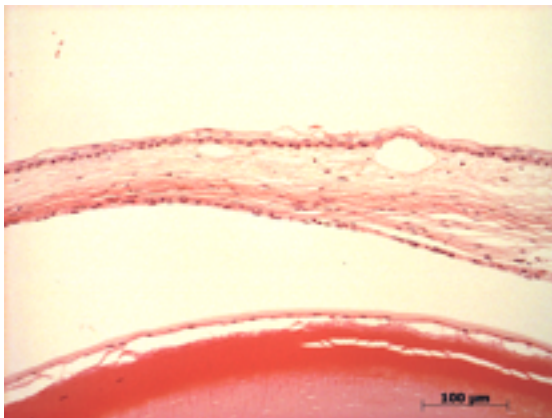
Abnormal Findings: The cornea showed a thin stroma [MP:0005300]. There were also vitreous opacities [MP:0002700].

EYE Phenotype



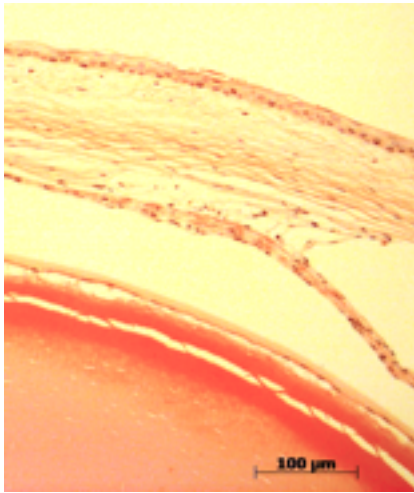
Cornea:

5/5. The corneal stroma was thin. A few epithelia showed small surface irregularities. The endothelium appeared normal.



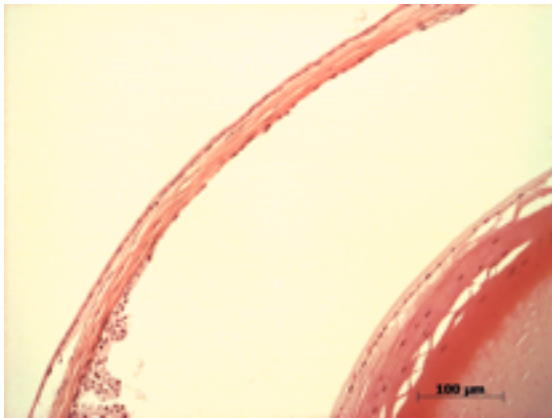
Cornea:

3/5. There were occasional subepithelial spaces within the stroma.



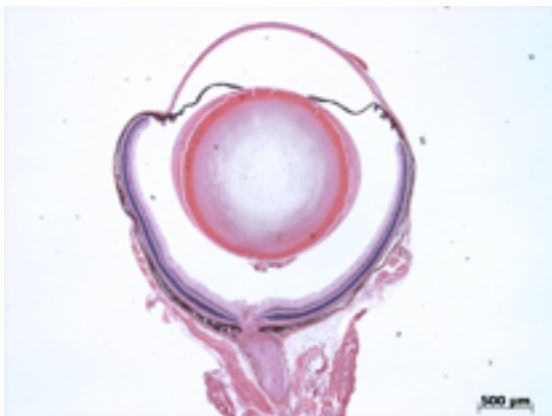
Anterior chamber:

2/5. The angle was closed. The anterior chamber was of normal depth without cells.



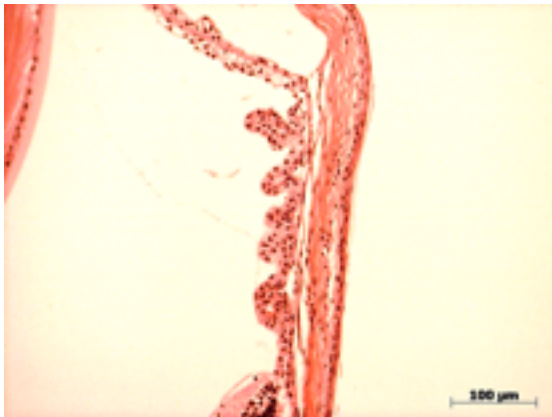
Iris:

2/5. The iris was absent or blunted.



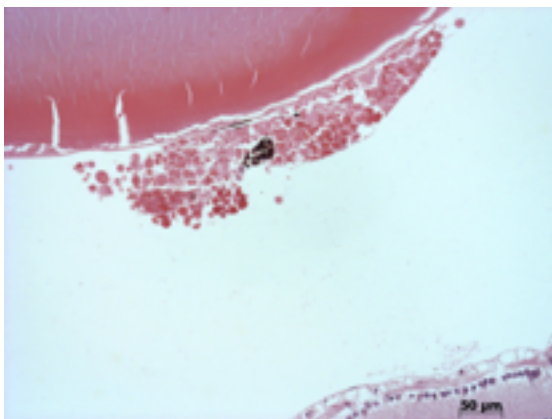
Lens:

3/5. Lens vacuoles were observed in anterior and posterior subcapsular space.



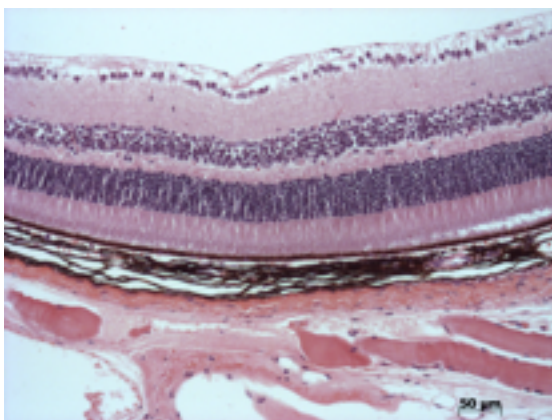
Ciliary body:

3/5. In 3 of the albino eyes, the ciliary processes were blunted. The one pigmented eye showed normal ciliary processes.



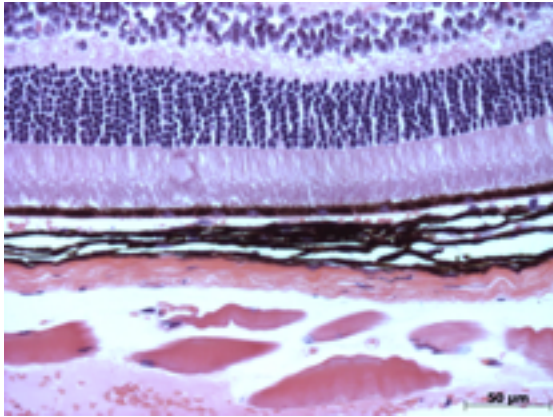
Vitreous:

2/5. Vitreous opacities outside the lens were present.



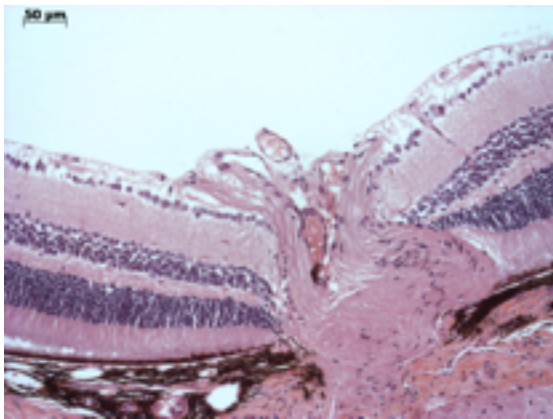
Retina:

5/5. The retinal ganglion, inner nuclear and photoreceptor layers are normal.



Retinal pigment epithelium and Choroid:

5/5. 4 albino eyes. Otherwise normal pigmentation. Bruch's membrane is intact. No neovascular membranes were noted.



Optic Nerve:

5/5. The nerve is normal.

Methods. 4 eyes from 2 albino males mice and 1 eye from 1 normally pigmented male mouse was 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.