

Eye Morphology

Mice were assessed for gross morphological changes to the eye using a slit lamp (Zeiss SL130) and ophthalmoscope (Heine Omega 500). The eye was examined both undilated and dilated (tropicamide and/or neosynephrine). Images on the slit lamp were collected using a Leica DFC420. Images of the fundus were collected by using a topical endoscope (BERCI Tele-Otoscope with HOPKINS straight forward 0°, diameter 3mm, Halogen cold light fountain light source) and camera (Nikon D40x OR D5000 dSLR, with Nikon AF 85mm F1.8D AF Nikkor lens).

A few variables of the assay were dependent upon the pipeline; such as when it was performed (13 or 15 weeks), whether all the mice were tested or only a subset, and which the diet the mice were fed.