



RPE-choroid-sclera and neuro-retina separated

Neuro-retina without residual pigment

## **Supplementary Figure 1.** Procedures of retina collection.

The eyes were enucleated and washed with PBS. Cornea was dissected along with limbus before removing lens and iris. Then neuro-retina was separated from RPE-choroid-sclera and washed with PBS to remove residual pigment.