Supplementary Figure 1.

**Supplementary Figure 1. Effect of anti-human IgG on PRPE cells**

Quantitative RT-PCR analysis of *vegf*, *vegf-r1*, *vegf-r2* mRNA expression levels in PRPE cell left untreated or treated with anti-human IgG (A). Notch receptors, ligands and downstream targets in PRPE cells treated with anti-human IgG for 2 hours (B-D). Transcription profile of proliferative and apoptotic markers in PRPE cells treated and not treated with anti-human IgG for 2hrs (E-F). The qRT-PCR analysis was normalized with *gapdh* mRNA levels. Statistical analysis was performed using the student *t*-test (*p* < 0.05, **< 0.01, ***< 0.005) (n≥3).
Supplementary Figure 2. Apoptosis marker expression in RPE cells with BEV treatment

Quantitative RT-PCR analysis of apoptotic markers (bax, bcl2, caspase 9), in BEV treated (4 hours, 6 hours) PRPE (A-B) cultured cells. The results of the qRT-PCR were normalized with gapdh levels. Statistical analysis performed using the student t-test (p *<0.05, **< 0.01, ***< 0.005) (n≥3).