



Figure S3. The effect of low Ca^{2+} on RPE cells.

(a) Representative images of RPE cells at 50% confluence plated in normal (1 mM) and low Ca^{2+} (2 μM) KSFM on days 3, 7 and 14 after plating. After seven days, the medium of the low- Ca^{2+} group was changed to normal Ca^{2+} KSFM. Scale bar = 50 μm .

(b–c) The mRNA expression levels of the RPE markers MITF, CRALBP, Best, RPE65, and E-Cadherin and the EMT markers N-Cadherin, Snail2, FN1, α -SMA, and Col IV were tested by RT-PCR in RPE cells cultured for 14 days. Data are presented as the means \pm SEM (n = 3 per group with duplicates). * $P < .05$, *** $P < .001$.