

Supplementary Figure S1

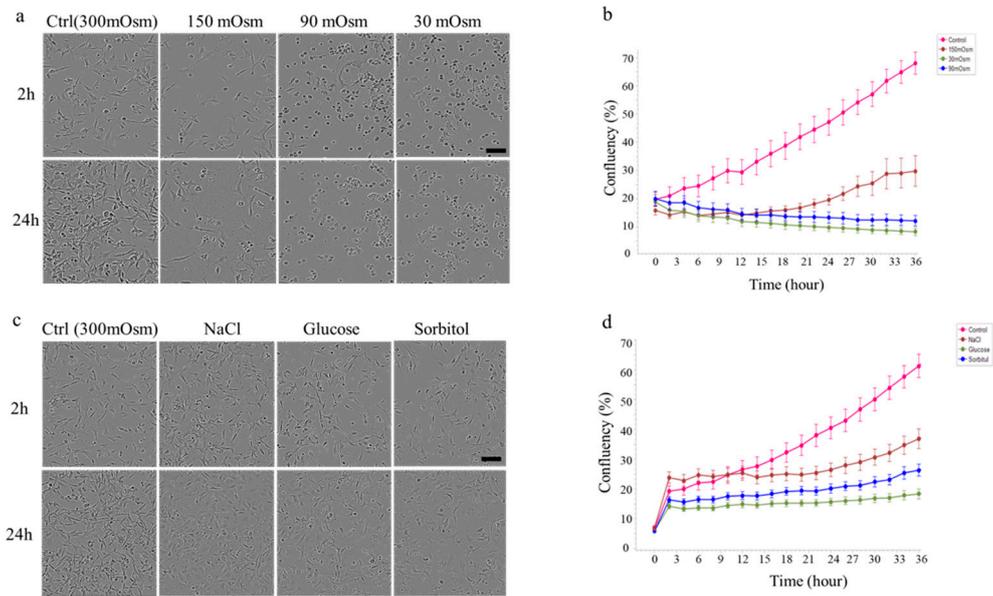


Figure S1. Hypo and Hyper-osmotic stress media optimization. **(a)** Representative images and **(b)** cell confluency of WT-APCs incubated in different hypotonic media following ratios: 1:9, 1:4, and 1:1 to obtain 30 mOsm, 60 mOsm, and 150 mOsm, respectively after 24 h. **(c)** Representative images and **(d)** cell confluency of WT-APCs incubated in different hypertonic media with the addition of 100 mM NaCl, 200 mM sorbitol, or 200 mM glucose for an increase of 200 mOsm kg⁻¹ H₂O after 24 h. Normal media (300mOsm) were used as control. Scale bar: 100 μm. * *p* < 0.05, ** *p* < 0.01, *** *p* < 0.00.