

## Supplementary Fig. S1

Characteristics of Qu-1 suspension cell line.(a). Qu-1 cells also exhibited almost 100% viability using Fluorescein diacetate (FDA) as a probe. Bar=20  $\mu$ m; (b). After 20 days cultured of Qu-1and BY-2 cells in medium reached an absorbance of OD600. Asterisks indicate \*\*P<0.01 (Student's t-test).