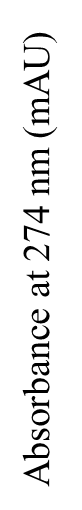
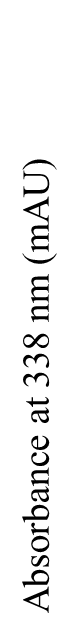


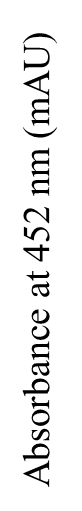
(b)

(a)





(c)



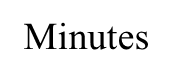


Fig. S1. Chromatograms in the flavonoid and carotenoid in the juice sacs of citrus fruit *in vitro*. The numbers in the figure indicate the retention times of the flavonoids and carotenoids detected in this study. (a) eriocitrin, narirutin, hesperidin, and poncirin, (b) rhoifolin, (c) all-*trans*-violaxanthin, 9-*cis*-violaxanthin, lutein, and β-cryptoxanthin, and β-carotene.