

Erratum to: Cloning and selection of carotenoid ketolase genes for the engineering of high-yield astaxanthin in plants

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In the online publication, the legends of Figs. 3 and 4 were incorrect. The authors regret these errors and the correct version of legends is given below.

Fig. 3 HPLC analysis of carotenoids extracted from β -carotene-producing *E. coli* (a), β -carotene-producing *E. coli* expressing *bkt* from *Chlorococcum* sp. (b), *S. oocystiformis* (c), *P. botryoides* (d), *N. wimmeri* (e) and *C. reinhardtii* (f). Retention times and identified carotenoids of peaks 1 19.8 min, β -carotene; 2 17 min, echinenon; 3 13 min, canthaxanthin

Fig. 4 HPLC analysis of carotenoids extracted from zeaxanthin-producing *E. coli* (a), zeaxanthin-producing *E. coli* expressing *bkt* from *Chlorococcum* sp. (b), *S. oocystiformis* (c), *P. botryoides* (d), *N. wimmeri* (e) and *C. reinhardtii* (f). Retention times and identified carotenoids of peaks 1 11.8 min, zeaxanthin; 2 11 min, adonixanthin; 3 10 min, astaxanthin

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