

PRODUCTION OF CAROTENOIDS AND APOCAROTENOIDS**ABSTRACT**

A method for producing a carotenoid or apocarotenoid is disclosed. The method comprises
5 the step of expressing in a host cell an expression module comprising an expression vector
having a coding region encoding at least one optimised carotenoid or apocarotenoid
generating enzyme, the coding region being operably linked to a promoter. A host cell
comprising an expression vector having a coding region encoding at least one optimised
carotenoid or apocarotenoid generating enzyme, the coding region being operably linked to a
10 promoter is also provided together with a kit.

[Figure 1]