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(71) Applicants: **AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH** [SG/SG]; 1 Fusionopolis Way, #20-10 Connexis North Tower, Singapore 138632 (SG). **FERMATICS PTE. LTD.** [SG/SG]; 63 East Coast Road #02-10, The Red House, Singapore 428776 (SG).

(72) Inventors: **HUANG, Ching-Ning**; Singapore Institute of Food and Biotechnology Innovation (SIFBI), 61 Biopolis Drive, Proteos Level 4, Singapore 138673 (SG). **CHEN, Xixian**; Singapore Institute of Food and Biotechnology Innovations, 61 Biopolis Drive, Proteos Level 4, Singapore 138673 (SG). **ZHANG, Congqiang**; Singapore Institute of Food and Biotechnology Innovations, 61 Biopolis Drive, Proteos Level 4, Singapore 138673 (SG).

(74) Agent: **SPRUSON & FERGUSON (ASIA) PTE LTD**; P.O. Box 1531, Robinson Road Post Office, Singapore 903031 (SG).

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(54) Title: BIOSYNTHESIS OF APOCAROTENOIDS BY CONTROLLING OXIDATIVE STRESS

(57) Abstract: The present invention relates to host cells comprising genes of the mevalonate, lycopene and α -ionone pathways and the hydroperoxide reductase or catalase genes. The present invention also relates to methods of producing apocarotenoids as well as kits for producing apocarotenoids comprising the host cells.

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