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(54) Title: FLAVONOID AND ANTHOCYANIN BIOPRODUCTION USING MICROORGANISM HOSTS

(57) Abstract: The invention is directed to methods involved in the production of flavonoids, anthocyanins and other organic compounds. The invention provides cells engineered for the production of flavonoids, anthocyanins and other organic compounds, where the engineered cells include one or more genetic modifications that increase flavonoid production by increasing metabolic flux to flavonoid precursors and/or reducing carbon losses resulting from the production of byproducts.

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