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(54) Title: IMPROVED ISOPRENE PRODUCTION USING THE DXP AND MVA PATHWAY

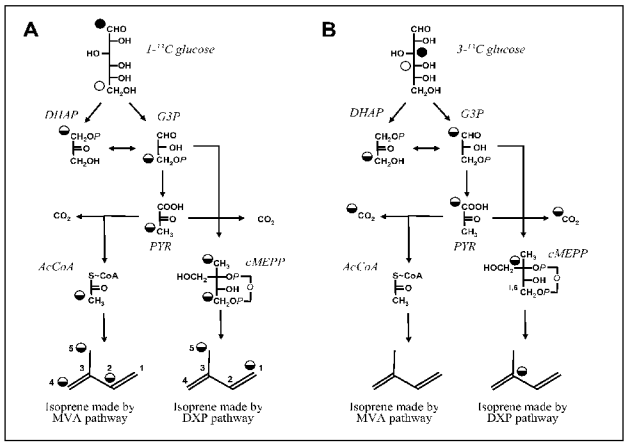

Figure 100

(57) Abstract: The invention provides for methods for producing isoprene from cultured cells using various components of the DXP pathway and MVA pathway, or components associated with the DXP pathway and MVA pathway, iron-sulfur cluster-interacting redox polypeptides, and isoprene synthase. The invention also provides compositions that include these cultured cells.

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