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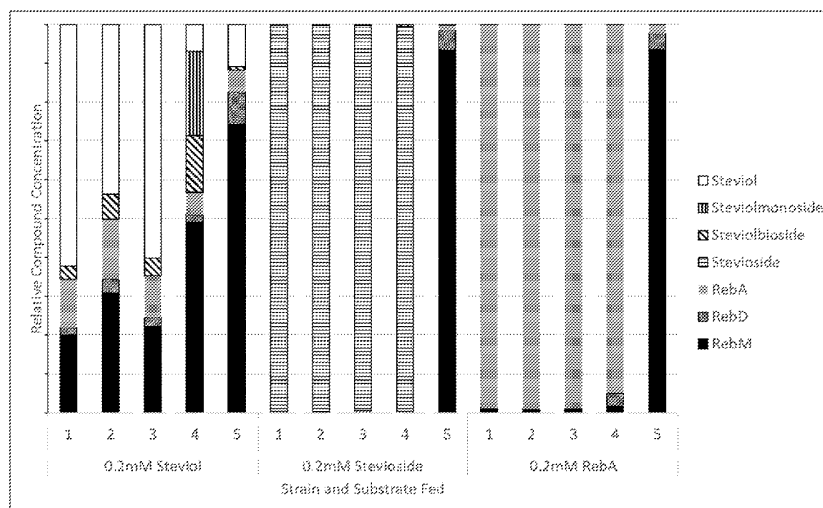
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(54) Title: PRODUCTION OF STEVIOL GLYCOSIDES THROUGH WHOLE CELL BIOTRANSFORMATION

FIG. 5



(57) Abstract: In various aspects and embodiments, the invention provides microbial cells and methods for producing advanced glycosylation products from lower glycosylated intermediates. The microbial cell expresses one or more UDP-dependent glycosyl transferase enzymes in the cytoplasm, for glycosylation of the intermediates. When incubating the microbial strain with a plant extract or fraction thereof comprising the intermediates, these glycosylated intermediates are available for further glycosylation by the cell, and the advanced glycosylation products can be recovered from the media and/or microbial cells.

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