

Recombinant Production of Steviol Glycosides

ABSTRACT

5 Recombinant microorganisms, plants, and plant cells are disclosed that have been engineered
to express novel recombinant genes encoding steviol biosynthetic enzymes and UDP-
glycosyltransferases (UGTs). Such microorganisms, plants, or plant cells can produce steviol or
steviol glycosides, e.g., rubusoside or Rebaudioside A, which can be used as natural sweeteners in
food products and dietary supplements.

10

(FIG. 1)