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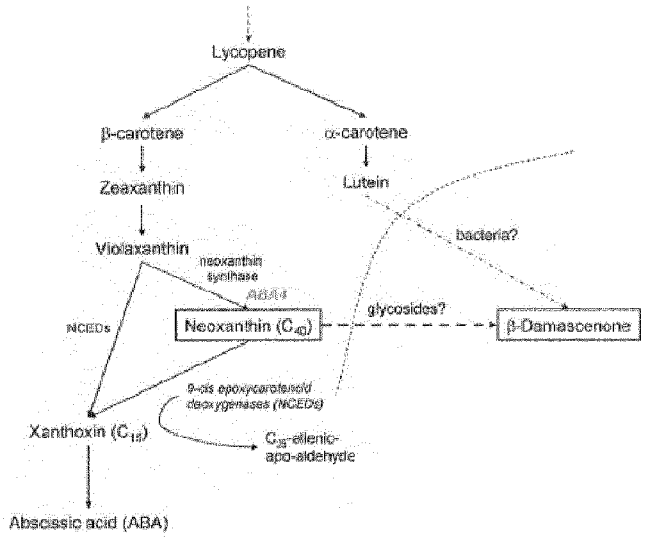
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(54) Title: MODULATING BETA-DAMASCENONE IN PLANTS

FIGURE 1



(57) Abstract: A mutant, non-naturally occurring or transgenic plant cell comprising: (i) a polynucleotide comprising, consisting or consisting essentially of a sequence encoding a neoxanthin synthase and having at least 60% sequence identity to SEQ ID NO:1 or SEQ ID No. 6; (ii) a polypeptide encoded by the polynucleotide set forth in (i); (iii) a polypeptide having at least 66% sequence identity to SEQ ID NO:2 or at least 60% sequence identity to SEQ ID No. 7; or (iv) a construct, vector or expression vector comprising the isolated polynucleotide set forth in (i), and wherein the expression or activity of the neoxanthin synthase is modulated as compared to a control or wild type plant.

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