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(54) Title: A METHOD TO IDENTIFY PLANT PROTEINS THAT FUNCTION IN G-PROTEIN COUPLED SYSTEMS AND COMPOSITIONS THEREFOR

(57) Abstract

The present invention is directed to a method of identifying plant proteins that function as or similar to G-protein coupled receptors, or as plant G-protein subunits utilizing a bioassay system that incorporates such plant proteins. Further aspects of the present invention provide expression vectors and yeast cells transformed therewith encoding the plant proteins whose identity it is desired to determine, and methods of utilizing same.