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(54) Title: METHOD FOR THE RECOMBINANT PRODUCTION OF 1,3–PROPANEDIOL

(57) Abstract

The present invention provides an improved method for the production of 1,3–propanediol from a variety of carbon sources is an organism comprising DNA encoding protein X of a dehydratase or protein X in combination with at least one of protein 1, protein 2 and protein 3. The protein X may be isolated from a diol dehydratase or a glycerol dehydratase. The present invention also provides host cells comprising protein X that are capable of increased production of 1,3–propanediol.