

ABSTRACT

METHOD FOR ADAPTATION

- 5 The present invention relates generally to growth of bacteria. More specifically the invention relates to a method for oxidative environment adaptation of anaerobic microorganisms and their use in developing new probiotics. In particular, the present invention provides a method for adaptation of anaerobic microorganisms and selection of more oxygen tolerant anaerobic microorganisms, said method comprising
- 10 the steps of culturing said microorganisms with a stepwise dual induction of oxidative stress via applied voltage and oxygen diffusion, and a stepwise change of anti-oxidant/oxidized counterpart concentration ratio to adjust the redox state. New strains are also provided.
- 15 (No Suitable Figure)