ABSTRACT

This invention relates to provide a gene expression cassette, which comprises a gene coding for an Aeromonas caviae-derived polyhydroxyalkanoic acid (PHA) synthase wherein a mutation has been introduced, and a promoter and a terminator both capable of functioning in yeast; a transformant wherein said gene expression cassette has been introduced in yeast, and a method for producing polyester by using said transformant.

This invention enabled a production of copolyesters resulting from copolymerization of a 3-hydroxyalkanoic acid(s) and having biodegradability and good physical properties in yeast efficiently.