

ABSTRACT

A PPAT polypeptide of SEQ ID NO: 1 derived from *Jatropha*, a PPAT polynucleotide of SEQ ID NO: 2 and so on were found. By transforming *Jatropha* with these PPAT polynucleotides, it is possible to overexpress the PPAT polypeptide in comparison with a wild type, and biosynthesis of coenzyme A is promoted by these polypeptides, the metabolic function and viability of the transformed *Jatropha* are enhanced, and for example, stress resistance can be significantly improved.