

MODIFIED CARBONYL REDUCING ENZYME AND GENE

ABSTRACT

5 An object of the present invention is to modify a
wild-type enzyme that is less reactive in the presence of
an organic solvent to provide altered carbonyl reductases
having better reactivity in the presence of the organic
solvent than the wild-type enzyme, and/or to provide
10 transformants producing such reductases. The present
inventors have found altered carbonyl reductases having
better reactivity in the presence of an organic solvent
than the wild-type enzyme, from among a mutant enzyme
library prepared by randomly mutating the wild-type enzyme
15 gene, thereby arriving at completion of the present
invention.

[No Suitable Figure]