# IMPROVED HALOHYDRIN DEHALOGENASES AND RELATED POLYNUCLEOTIDES

Abstract

The present invention relates to novel halohydrin dehalogenase polypeptides and the polynucleotides that encode them. These polypeptides are useful in the production of 4-substituted-3-butyric acid derivatives and vicinal cyano, hydroxyl substituted carboxylic acid esters. The invention also provides related vectors, host cells and methods.

(Fig. 2)