

Title (en)  
INCREASED PRODUCTION OF ACETYL COENZYME A

Title (de)  
GESTEIGERTE PRODUKTION VON ACETYL-COENZYM A

Title (fr)  
PRODUCTION ACCRUE D'ACÉTYL-COENZYME A

Publication  
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Application  
**EP 09703058 A 20090114**

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Abstract (en)  
[origin: WO2009090050A1] The present invention relates to a recombinant host cell, which contains at least one nucleic acid molecule, which codes a polypeptide, which catalyzes a substrate-product conversion, which is selected from the following two reactions: acetaldehyde + coenzyme A + NAD<sup>+</sup> acetyl coenzyme A + NADHH-H<sup>+</sup> and/or pyruvate + coenzyme A acetyl coenzyme A + formate. At least one DNA molecule is heterologous to said host cell and said host cell has an increased acetyl coenzyme A production. Moreover, the invention relates to a method for an increased rate of formation of acetyl CoA in a host cell.

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