



Polypeptide And Yeast Cell Compositions And Methods Of Using The Same

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The Invention

Polypeptides comprising maltose/maltotriose transporters are provided. Additionally, polynucleotides, DNA constructs, and vectors encoding a maltose/maltotriose transporter, or yeast cells harboring such polynucleotides are provided. The yeast cell may be a *Saccharomyces eubayanus* cell modified to increase the expression or transport activity of a maltose/maltotriose transporter at the plasma membrane of the cell. Further, methods are provided for making a fermentation product by culturing any one of the yeast cells described herein with a fermentable substrate. Finally, methods are provided to select for and isolate maltotriose-utilizing strains of *Saccharomyces eubayanus*.

Additional Information

For More Information About the Inventors

- [Christopher Hittinger](#)

Tech Fields

- [Animals, Agriculture & Food : Food ingredients & additives](#)
- [Animals, Agriculture & Food : Food processing](#)

For current licensing status, please contact Jennifer Gottwald at jennifer@warf.org or 608-960-9854