



Recombinant Yeast Having Increased Tolerance To Ionic Liquids And Methods Of Use

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The Invention

The present invention relates to materials and methods for the production of ethanol. More particularly, the present invention provides genetically modified strains of *Saccharomyces cerevisiae* having enhanced tolerance for ionic liquid (IL) toxicity. Also provided are methods of using such genetically engineered yeast strains for improved IL-mediated hydrolysis of lignocellulosic biomass for industrial-scale production of various fuels, chemical feedstocks, and synthetic polymers.

Tech Fields

- [Clean Technology: Biobased & renewable chemicals & fuels](#)

For current licensing status, please contact Mark Staudt at mstaudt@warf.org or 608-960-9845