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(54) Title: MUT- METHYLOTROPHIC YEAST

(57) Abstract: A recombinant methanol utilization pathway deficient methylotrophic yeast (Mut-) host cell which is engineered: a) by one or more genetic modifications to reduce expression of a first and a second endogenous gene compared to the host cell prior to said one or more genetic modifications, wherein i. the first endogenous gene encodes alcohol oxidase 1 (AOX1) comprising the amino acid sequence identified as SEQ ID NO:1 or a homologue thereof, and ii. the second endogenous gene encodes alcohol oxidase 2 (AOX2) comprising the amino acid sequence identified as SEQ ID NO:3 or a homologue thereof, and b) by one or more genetic modifications to increase expression of an alcohol dehydrogenase (*ADH2*) gene compared to the host cell prior to said one or more genetic modifications, wherein the *ADH2* gene encodes an alcohol dehydrogenase (ADH2).