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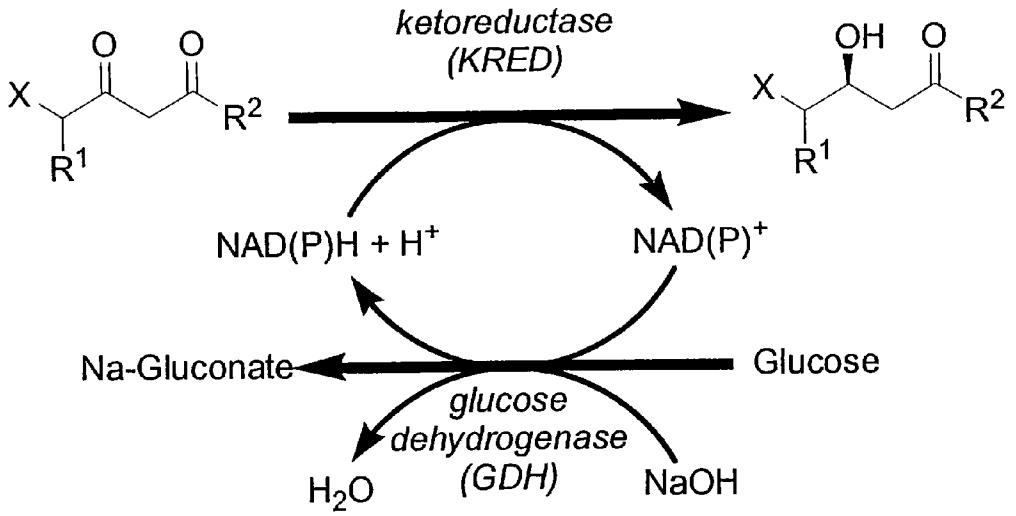
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(54) Title: IMPROVED KETOREDUCTASE POLYPEPTIDES AND RELATED POLYNUCLEOTIDES



(57) Abstract: The present invention is directed to variant polypeptides having enhanced ketoreductase activity and/or thermostability for use in the stereospecific reduction of ketones. In addition, the present invention is directed to polynucleotides that encode the ketoreductase polypeptides, including codon optimized versions of the polynucleotides which provide for enhanced expression in host cells. In another aspect, the present invention is directed to nucleotide constructs, vectors and host cells that are transformed with polynucleotides of the present invention.

WO 2005/017135 A1