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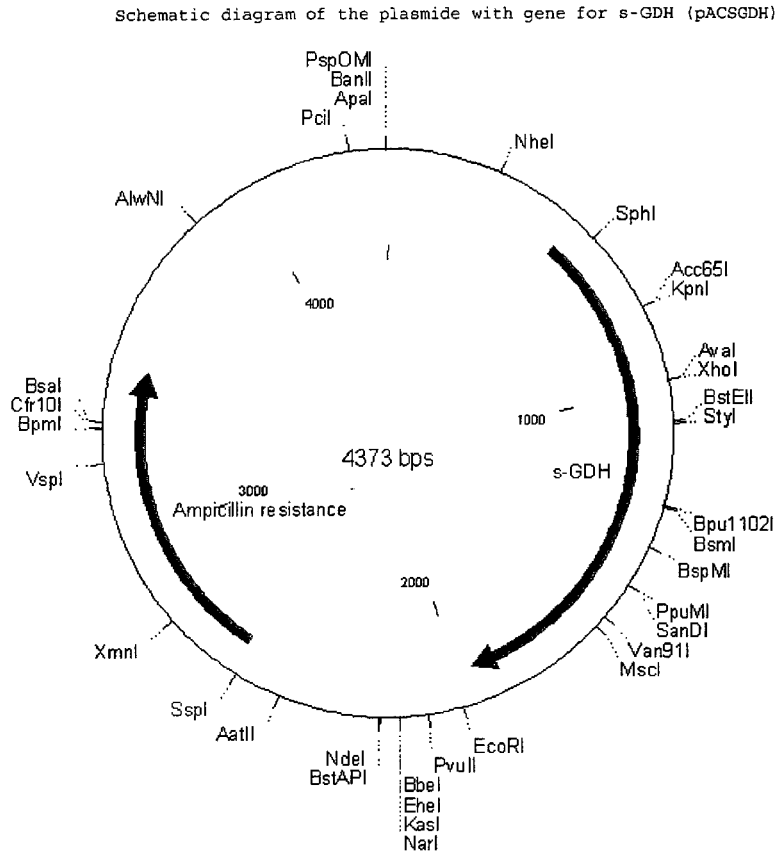
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(54) Title: VARIANTS OF SOLUBLE PYRROLOQUINOLINE QUINONE-DEPENDENT GLUCOSE DEHYDROGENASE



(57) Abstract: The present invention relates to improved variants of soluble pyrroloquinoline quinone (PQQ)-dependent glucose dehydrogenases (s-GDH), to genes encoding mutated s-GDH, to mutant proteins of s-GDH with improved substrate specificity for glucose, and to different applications of these s-GDH variants, particularly for determining concentrations of sugar, especially of glucose in a sample.

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