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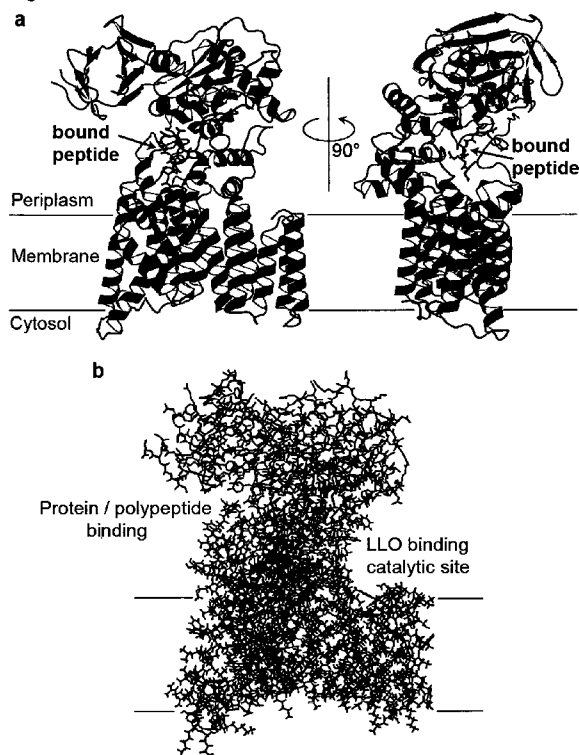
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(54) Title: RATIONAL DESIGN OF COMPONENTS OF THE OLIGO-SACCHARYLTRANSFERASE-CATALYSED ASPARAGINE-LINKED GLYCOSYLATION

Fig. 3



(57) Abstract: The present invention is directed to methods for identifying or designing (a) a potential oligosaccharide donor, (b) a potential oligosaccharyltransferase (OST), (c) a potential consensus sequence motif polypeptide, and/or (d) a potential glycosylation inhibitor for use in the oligosaccharyltransferase (OST)-catalysed asparagine-linked ("N-linked") glycosylation, comprising the steps of generating a three-dimensional model of the catalytic domain and/or the polypeptide binding site of the oligosaccharyltransferase (OST) of *Campylobacter lari*, and designing or selecting a potential component selected from (a) to (d) which optimizes the stereo chemical complementarity of said three-dimensional model(s) and the potential component.



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