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Metabolic engineering strategies for effective use of glycosyltransferases in oligosaccharide synthesis

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As one of the four building blocks of life, sugar molecules permeate almost all aspects of life. e widespread occurrence of glycosylation and its broad impact in biological processes underscores the importance of studying glycosylation. To study glycan and probe their roles in a biological system signi cant amount of pure molecules are needed. Besides basic research, there are a w range of opportunities of utilizing oligosaccharides, polysaccharides and glycoproteins and other glyco-conjugates for diagnosis

Notes: