The exopolysaccharide properties and structures database: EPS-DB. Application to bacterial exopolysaccharides

The EPS Database (EPS-DB) is a web-based, platform-independent database of bacterial exopolysaccharides (EPSs) providing access to detailed structural, taxonomic, growth conditions, functional properties, genetic, and bibliographic information for EPSs. It is freely available on the Internet as a website at http://www.epsdatabase.com. Several structural data representation schemes are used following the most commonly accepted formats. This guarantees full interoperability with other structural, experimental, and functional databases in the area of glycoscience. The scientific usage of EPS-DB throughout a user-friendly interface is presented with a subsection of the database exemplified by EPSs from lactic acid bacteria.

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