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Structural Characterization of Bioengineered alpha-D-Glucans Produced by Mutant Glucansucrase GTF180 Enzymes of Lactobacillus reuteri Strain 180

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Published in:
Biomacromolecules

DOI:
[10.1021/bm801240r](https://doi.org/10.1021/bm801240r)

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version
Publisher's PDF, also known as Version of record

Publication date:
2009

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

van Leeuwen, S. S., Kralj, S., Eeuwema, W., Gerwig, G. J., Dijkhuizen, L., & Kamerling, J. P. (2009). Structural Characterization of Bioengineered alpha-D-Glucans Produced by Mutant Glucansucrase GTF180 Enzymes of Lactobacillus reuteri Strain 180. *Biomacromolecules*, 10(3), 580-588.
<https://doi.org/10.1021/bm801240r>

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Supporting Information.

Figure A. 500-MHz 1D ^1H NMR spectrum and the relevant parts of the 2D ^1H - ^1H TOCSY spectra (upper 60 ms, lower 120 ms) of **mEPS-SNS**, recorded at 300K in D_2O . Anomeric signals and structural-reporter-group signals have been indicated with labels; the legend to the labels used is included.

Supporting Information.

Figure B. 500-MHz 1D ^1H NMR spectrum and the relevant parts of the 2D ^1H - ^1H TOCSY spectra (upper 60 ms, lower 120 ms) of **mEPS-SDA**, recorded at 300K in D_2O . Anomeric signals and structural-reporter-group signals have been indicated with labels; the legend to the labels used is included.

Supporting Information.

Figure C. 500-MHz 1D ^1H NMR spectrum and the relevant parts of the 2D ^1H - ^1H TOCSY spectra (upper 60 ms, lower 120 ms) of **mEPS-SNAE**, recorded at 300K in D_2O . Anomeric signals and structural-reporter-group signals have been indicated with labels; the legend to the labels used is included.

Supporting Information.

Figure D. 500-MHz 1D ^1H NMR spectrum and the relevant parts of the 2D ^1H - ^1H TOCSY spectra (upper 60 ms, lower 120 ms) of **mEPS-SNAA**, recorded at 300K in D_2O . Anomeric signals and structural-reporter-group signals have been indicated with labels; the legend to the labels used is included.

Supporting Information.

Figure E. 500-MHz 1D ^1H NMR spectrum and the relevant parts of the 2D ^1H - ^1H TOCSY spectra (upper 60 ms, lower 120 ms) of **mEPS-NNV**, recorded at 300K in D_2O . Anomeric signals and structural-reporter-group signals have been indicated with labels; the legend to the labels used is included.

Supporting Information.

Figure F. 500-MHz 1D ^1H NMR spectrum and the relevant parts of the 2D ^1H - ^1H TOCSY spectra (upper 60 ms, lower 120 ms) of **mEPS-SEV**, recorded at 300K in D_2O . Anomeric signals and structural-reporter-group signals have been indicated with labels; the legend to the labels used is included.

Supporting Information.

Figure G. 500-MHz 1D ^1H NMR spectrum and the relevant parts of the 2D ^1H - ^1H TOCSY (mixing time 60 ms) spectrum of **mEPS-YNA**, recorded at 300K in D_2O . Anomeric signals and structural-reporter-group signals have been indicated with labels; the legend to the labels used is included.

Supporting Information.

Figure H. 500-MHz 1D ^1H NMR spectrum and the relevant parts of the 2D ^1H - ^1H TOCSY (mixing time 60 ms) spectrum of **mEPS-NNS**, recorded at 300K in D_2O . Anomeric signals and structural-reporter-group signals have been indicated with labels; the legend to the labels used is included.

Supporting Information.

Figure I. 500-MHz 1D ^1H NMR spectrum of **mEPS-YDA**, recorded at 300K in D_2O . Anomeric signals and structural-reporter-group signals have been indicated with labels; the legend to the labels used is included.