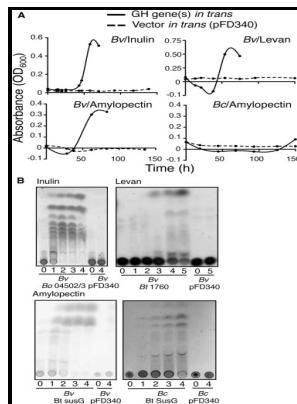


Glycoside hydrolases in *bacteroides fragilis*.

Department of Oral Microbiology, Karolinska Institute - Effect of beta



Description: -

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Backbone ¹H, ¹³C, and ¹⁵N resonance assignments of BoMan26A, a β

Automated structure solution with autoSHARP. Here we report residue-specific assignments for 95% of the 344 backbone amides of BoMan26A. The preparation of *Bacteroides uniformis* beta-lactamase had a specific activity of 38 U per mg protein.

CAZy

A novel secreted endoglycosidase from *Enterococcus faecalis* with activity on human immunoglobulin G and ribonuclease B. Our experimental results also point to an enhanced consumption of the pool of amino acids present in the culture medium and a higher release of ammonia in the presence of EPS as compared to glucose. When appropriate, a post hoc least significant difference LSD comparison test was applied to determine differences among the different conditions assayed.

Structural and functional analysis of a glycoside hydrolase family 97 enzyme from *Bacteroides the taiotaomicron*

Amino acid levels of the media before inoculation time 0 were subtracted from those in cultures containing each carbon source.

Structural and functional analysis of a glycoside hydrolase family 97 enzyme from *Bacteroides the taiotaomicron*

The crystal structures are deposited in the Protein Data Bank under the accession numbers and. *Biochimica et Biophysica Acta* 38:470—483.

Glycoside Hydrolase Family 130

The distribution of polysaccharide degrading enzymes in the bovine rumen digesta ecosystem. This result points out an adaptation of B.

Cellular localization of glycoside hydrolases in *Bacteroides fragilis*

Changes in Gene Expression by RT-qPCR The relative expression of genes coding for some proteins selected on the basis of the 2D-DIGE experiments was further analyzed by qRT-PCR Supplementary Figure S1.

Structural and functional analysis of a glycoside hydrolase family 97 enzyme from *Bacteroides thetaiotaomicron*

The localizations of six glycosidases produced by *Bacteroides fragilis*— α -glucosidase, β -glucosidase, α -galactosidase, β -galactosidase, β -N-acetylglucosaminidase, and α -l-fucosidase—were studied. The impeller speed was 50 rpm BioTec LP-300. Hydrogenosomes in the rumen protozoan *Dasytricha ruminantium* Schuberg.

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