

Supplementary data

Biochemical characterization of an endoglucanase GH7 from thermophile *Thermothielavioides terrestris* expressed on *Aspergillus nidulans*

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Supplementary Table S1. Amino acid sequence of the endoglucanase (TtCel7B) from *T. terrestris*. The peptides corresponding to those identified by LC/MS analyses are shown in bold. The mass profiles obtained were used in database MASCOT (Matrix Science, London, UK).

> G2R8K6_Thermothielavioides terrestris (strain ATCC 38088 / NRRL 8126) (Thielavia terrestris)

1 MGQKTLHGFA ATALAVLPFV KAQQPGNFTP EVHPQLPTW**K CTTAGGCVQQ**
51 **DTSVVL**DWNY **R**WIHNADGTA SCTTSSGVDH TLCPEATCA KNCFVEGVNY
101 TSSGVTTSGS SLTMRQYFKG SNGQTNVSP **RLYLLGSDGN YVMLKLLGQE**
151 LSFDVDLSTL **PC**GENGALYL **SEMDATGGRN** QYNTGGANYG SGYCDACQPV
201 QTWMNGTLNT NGQGYCCNEM DILEANSRAN AMTPHPCANG SCDKSGCGLN
251 PYAEGY**KSYYG**PGLTVDT**SK PFTIITR**FIT **DDGTTSGTLN QIQRIY**VQNG
301 **KTVASAASGG DIITASGCTS AQAFGGLANM GAALGR**GMVL TFSIWNDAAG
351 YMNWLDGNN GPCSSTEGNP SNILANYPDT HVVFSNIRWG DIGSTVQVSG
401 GGNGGSTTTT STTTLRTSTT TTTTAPTATA THWGQCGGIG WTGPTVCESP
451 YACKELNPWY YQCL

Peptide	m/z (expt)	m/z (calc)
K.CTTAGGCVQQDTSVVLWNRYR.W	2429.0516	2429.0740
R.LYLLGSDGNYVMLK.L	1584.8115	1584.8221
K.SYYGPGLTVDTSKPFTIITR.F	2215.1227	2215.1525
R.FITDDGTTSGTLNQIQR.I	1865.8984	1865.9119
K.TVASAASGGDIITASGCTSAQAFGGLANMGAALGR.G	3210.4954	3210.5398
K.LLGQELSFVDLSTLPCGENGALYLSEMDATGGR.N	3627.6679	3627.7073