

## **Additional file 2**

Cellulolytic potential of thermophilic species from four fungal orders.

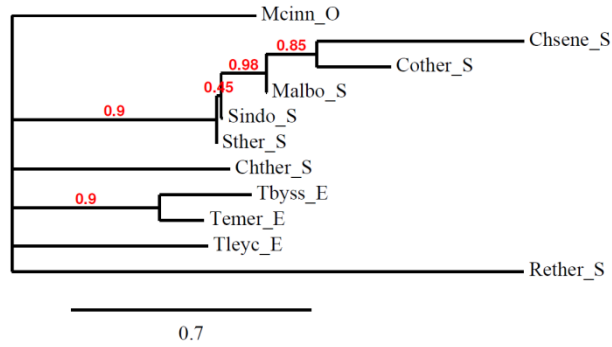
AMB Express

Peter Kamp Busk and Lene Lange

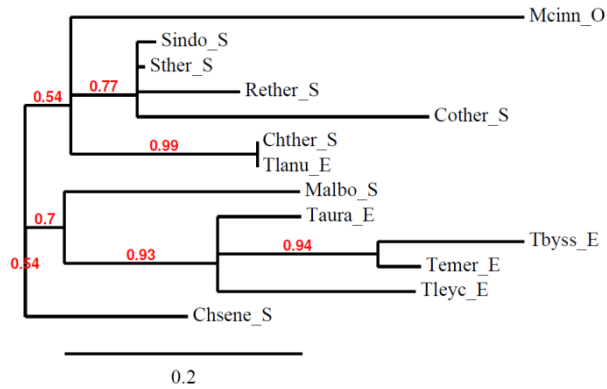
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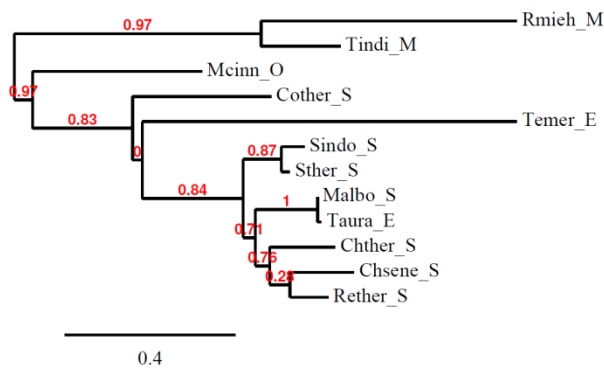
## GH6



## GH7



## GH45



Additional file 2: Phylogenetic relationship of the DNA sequences encoding enzymes belonging to the GH6, GH7 and GH45 families from the thermophilic fungi.

All the genes sequenced in the present study except GH7 from *R. miehei* that was too short to produce any significant alignment and the genes found in NCBI (see Table 3) were aligned with MUSCLE before curating the alignments with Gblocks and building of phylogenetic trees with PhyML (Dereeper et al. 2008). The three were depicted with TreeDyn.

O: *Onygenales*; S: *Sordariales*; E: *Eurotiales*; M: *Mucorales*.

Chsene: *C. senegalense*; Chther: *C. thermophilum*; Cother: *C. thermophilus*; Malbo: *M. albomyces*; Rether: *R. thermophila*; Sindo: *S. indonesiacum*; Sther: *S. thermophilum*; Mcinn: *M. cinnamomea*; Tbyss: *T. byssochlamydoides*; Temer: *T. emersonii*; Tleyc: *T. leycettanus*; Tther: *T. thermophilus*; Taura: *T. aurantiacus*; Tlanu: *T. lanuginosus*; Rmie: *R. miehei*; Tindi: *T. indicae-seudaticae*.