

## Online resource 3

### Article title:

Isolation and characterization of highly active keratinolytic microorganisms with promising potential for waste sheep wool processing

### Journal name:

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Phylogenetic trees for *B. subtilis* group (above) and *B. cereus* group (below) resulting from the core genome analysis using Maximum Likelihood approach with the included type strains *B. altitudinis* 41KF2bT, *B. mycoides* DSM2048, *B. subtilis* DSM10, and *B. wiedmannii* DSM102050

