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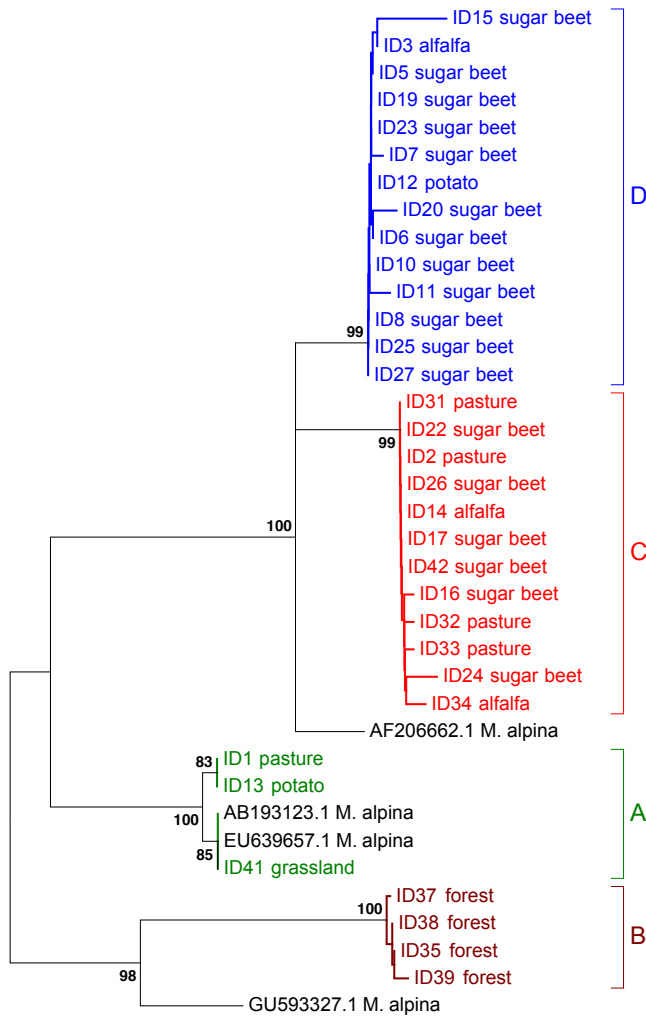


*Supplement of*

## **Ice Nucleation Activity in the Widespread Soil Fungus *Mortierella alpina***

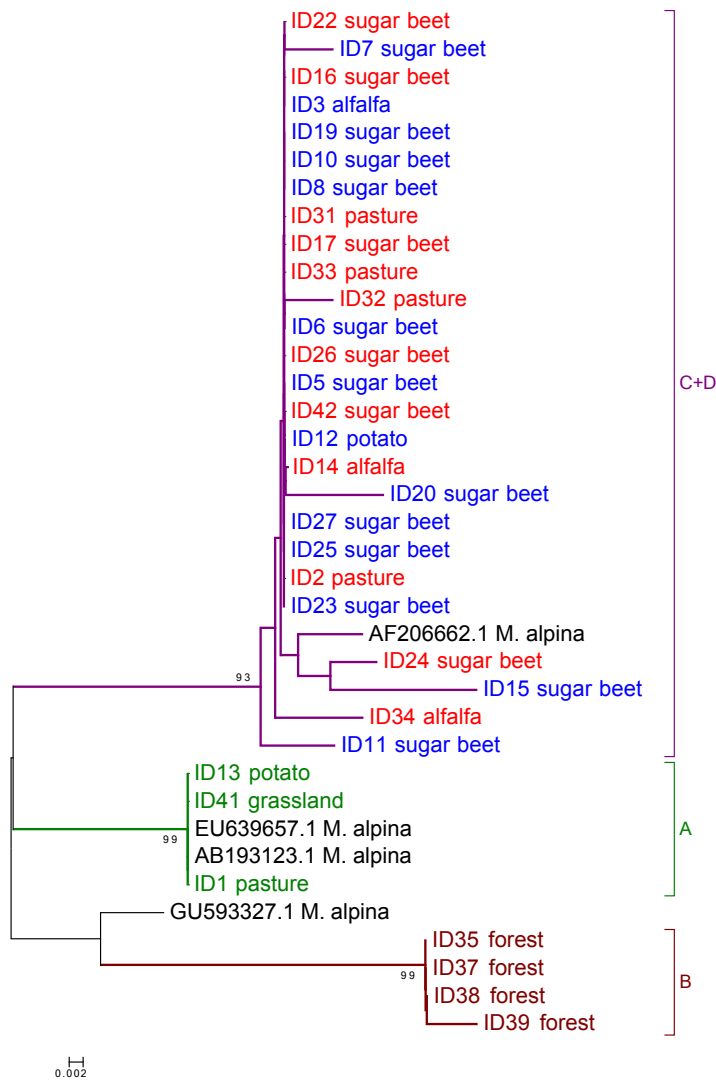
**J. Fröhlich-Nowoisky et al.**

*Correspondence to:* J. Fröhlich-Nowoisky (j.frohlich@mpic.de)



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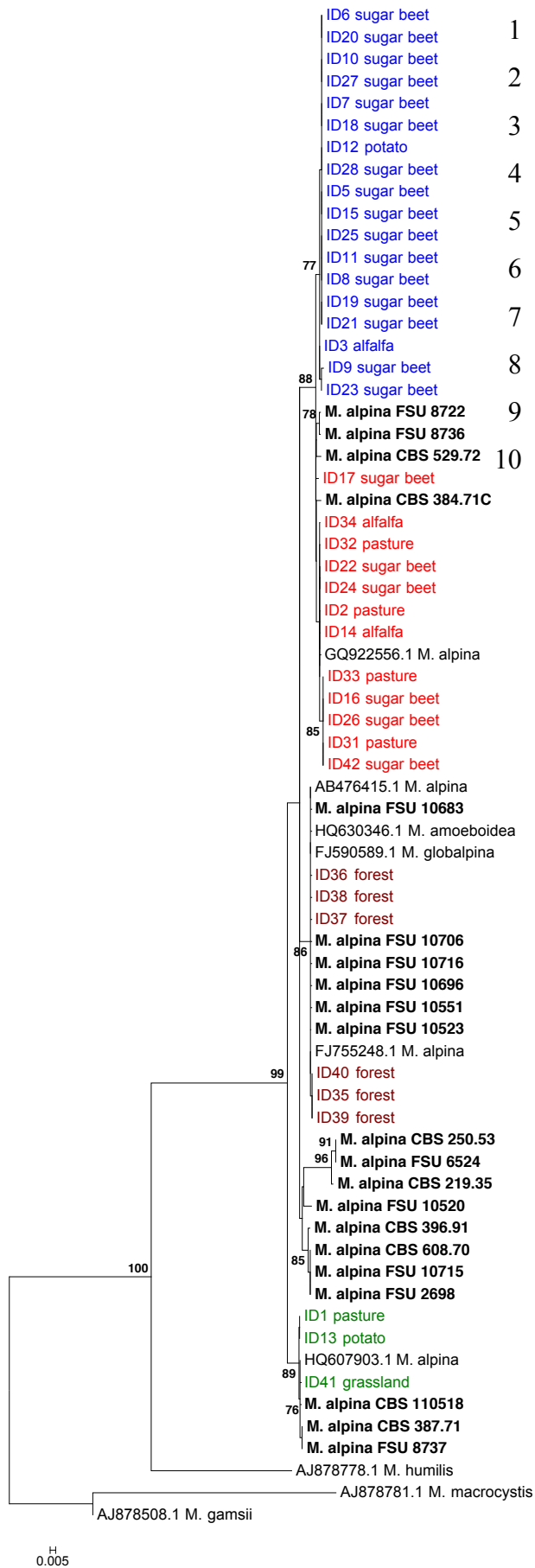
**FIG S1** Neighbor-Joining tree based on GLELO DNA sequences. The evolutionary distances were computed using the Kimura 2-parameter method (Kimura, 1980); units are the number of base substitutions per site. The rate variation among sites was modeled with a gamma distribution (shape parameter = 0.34). Node support above 75% is given.



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3 **FIG S2** Neighbor-Joining tree based on GLELO amino acid sequences. The evolutionary  
 4 distances were computed using the JTT matrix-based method (Jones et al., 1992); units are the  
 5 number of amino acid substitutions per site. Node support above 75% is given.



1 **FIG S3** Neighbor-Joining tree based on  
 2 ITS sequences (sequences from Wagner et  
 3 al., (2013) are bold). The evolutionary  
 4 distances were computed using the  
 5 Tamura 3-parameter method (Tamura,  
 6 1992); units are the number of base  
 7 substitutions per site. The rate variation  
 8 among sites was modeled with a gamma  
 9 distribution (shape parameter = 0.28).  
 10 Node support above 75% is given.

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