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## **The adsorption of fungal ice-nucleating proteins on mineral dusts: a terrestrial reservoir of atmospheric ice-nucleating particles**

**Daniel O’Sullivan et al.**

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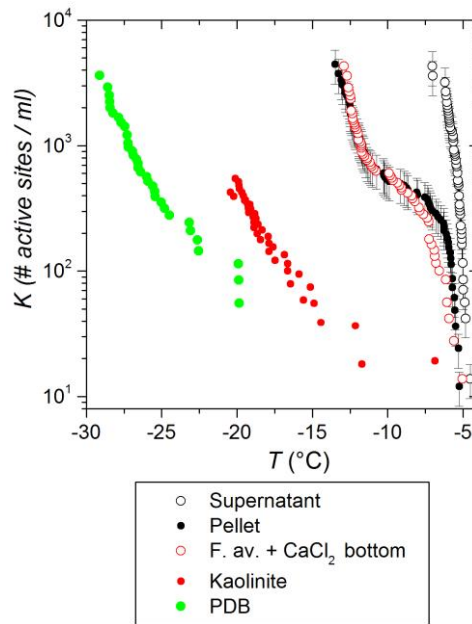


Fig. S1: Results of supernatant depletion test at pH 5.7 (as per Fig. 2, no added salt ions), compared to tests for ice nucleation by potato dextrose broth (PDB, diluted 1/10 from the original broth) and a 1 wt% kaolinite suspension (Whale et al. (2015)). Note that only a trace of PDB will adhere to the mycelium, and hence make it into the supernatant depletion suspensions; accordingly there is no contribution to the ice nucleation activity from PDB. Nucleation from kaolinite is many orders lower than *F. avenaceum*. Also shown is the bottom 0.1 mL fraction from a control supernatant depletion test performed on *F. avenaceum* in 1 mM CaCl<sub>2</sub>, where no kaolinite was added. No enrichment of the protein in the bottom fraction can be seen, consistent with a lack of protein flocculation.