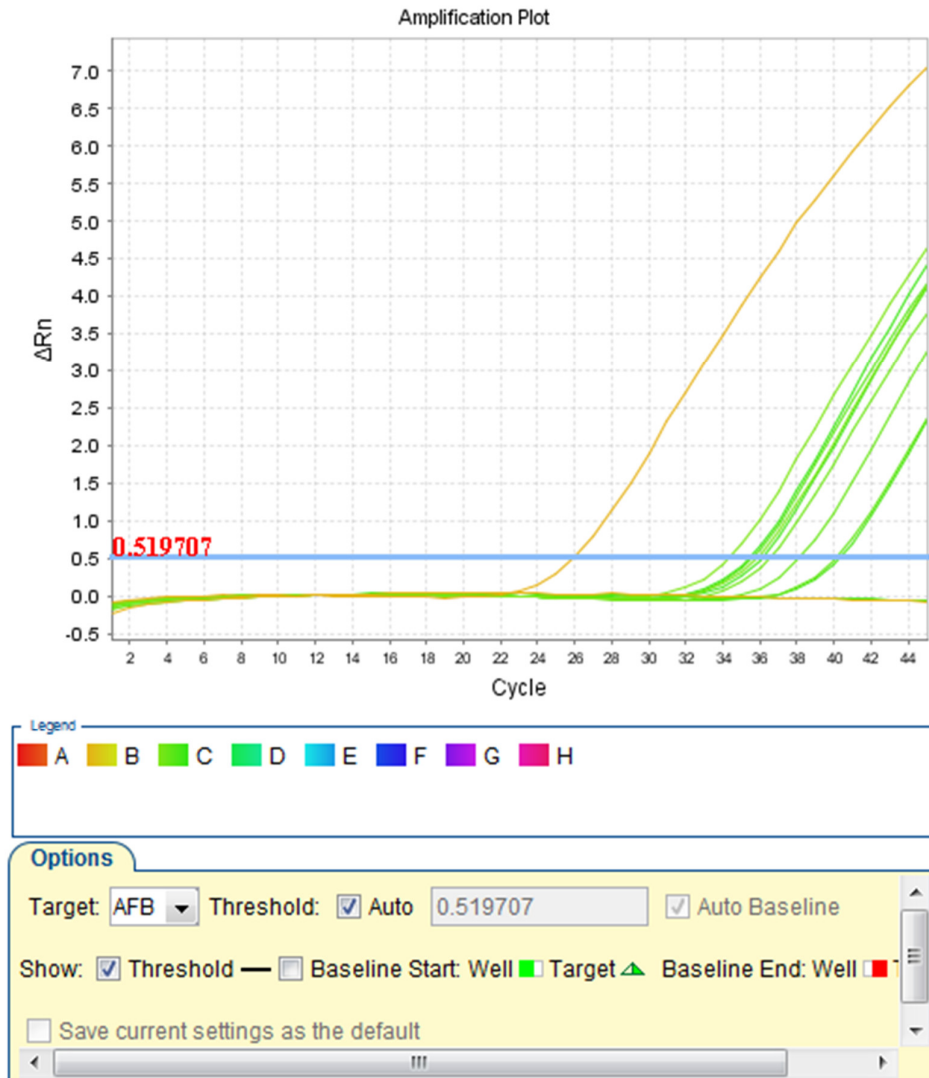
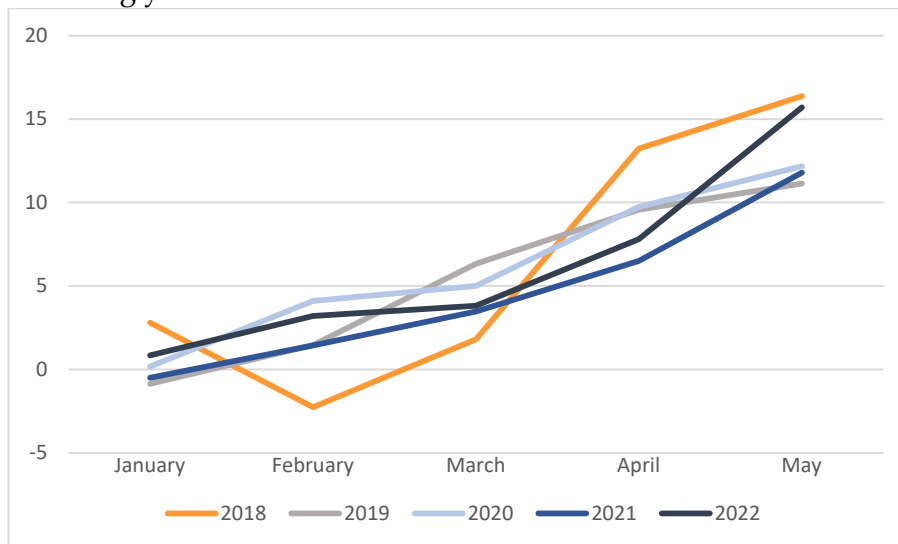


Supplementary Figure S1. A typical RT-PCR plot from the commercial RT-PCR kit for *Paenibacillus larvae*. Yellow curve: positive control; yellow line: negative control; green curves are different samples and the blue line is the calculated cut-off value defined by the cycler-software.



Supplementary Figure S2. Average temperatures per month, averaged from three weather stations located in the study region (Lunz am See, Oberndorf an der Melk, Wieselburg), in °C. In 2018, average temperatures in February were lower than in the following years.



Temperature data were obtained from the Austrian weather service - Zentralanstalt für

Meteorologie und Geodynamik (https://www.zamg.ac.at/cms/en/climate/climate-overview/current_climate; last accessed 28 Feb 2023).