

We provide a video in the supplementary material of a typical experiment during one cooling/heating cycle of an entire array shown in Fig. S1. The analysis of this experiment is described exemplarily for one drop in detail in the main paper text (see section 3 and Fig. 2.)

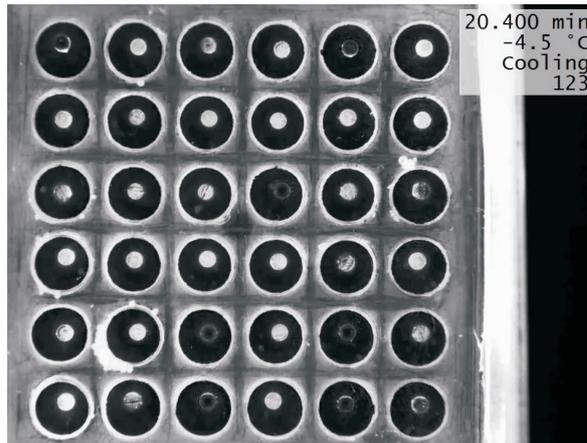


Fig. S1. Screenshot from a video of an example experiment with droplets containing Snomax[®] ($0.1 \mu\text{g drop}^{-1}$) describing the automatic detection of nucleation events by the change in brightness during freezing. Corresponding detailed information regarding the analysis is presented in Fig. 2 in the main text.