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Appendix Figure S1.

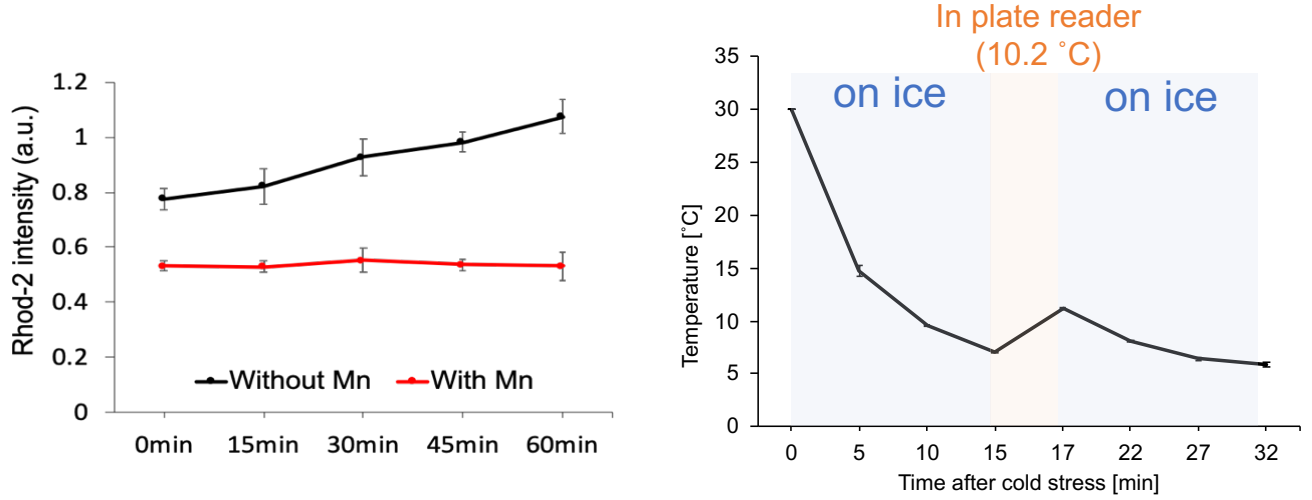
(A) (left) Related to Methods, data of mitochondrial Ca^{2+} measurement with or without Mn^{2+} was shown in Appendix Figure 1A. Representative data was shown as mean \pm s.d.

(right) Temperatures changes were shown as mean \pm SEM; n = 3, biological replicates. Plate was put on ice (blue) or in the plate reader (orange).

(B) Related to Methods, data of Fe^{2+} measurement was shown in Appendix Figure 1B. Control was cultured at 37 °C, and cold was cultured under cold stress. Fe (II): 100 μM and DFO: 100 μM , deferoxamine were applied from 30 min before cold stress. Representative mean values of FACS analysis were shown.

Appendix Figure S1

A Related to Method, $[Ca^{2+}]_{mito}$ measurement



B Related to $[Fe^{2+}]$ measurement

