

## Supplementary Material

### A new morphological method to identify cold tolerance of melon at seedling stage

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**Table S1.** The plant height of melon seedlings before treatment in 2018 and 2019

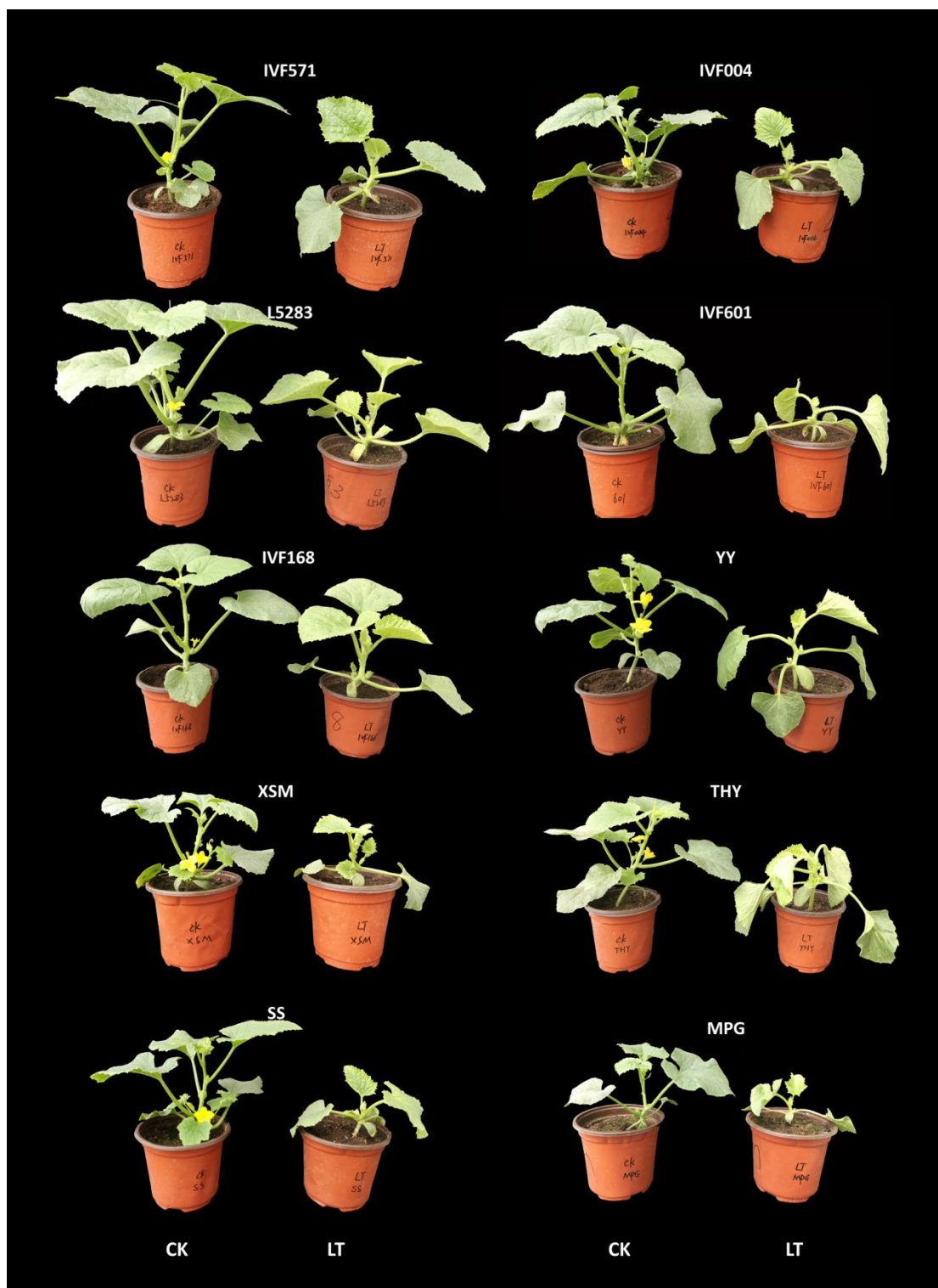
**Fig. S1.** Plant morphology of the ten genotypes after exposing to 28°C/18°C (day/night, CK) and 15°C/6°C (day/night, LT) for 5 days.

**Fig. S2.** The survival rate of ten genotypes in 2018.

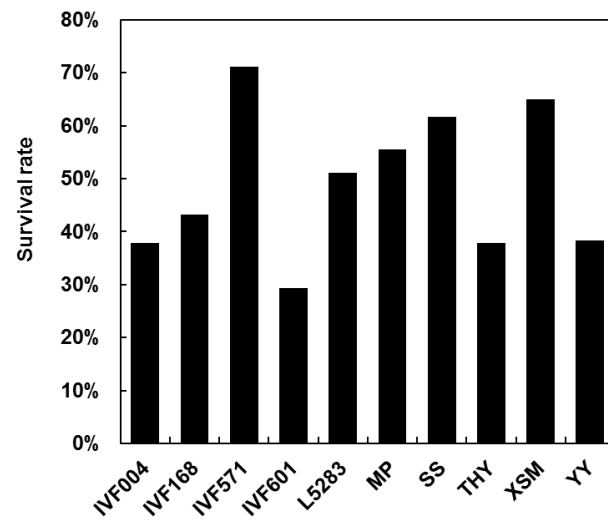
**Fig. S3.** Changes of  $F_v/F_m$ , SPAD, and plant height of 10 genotypes under low temperature in 2019.

**Table S1. The plant height of melon seedlings before treatment in 2018 and 2019**

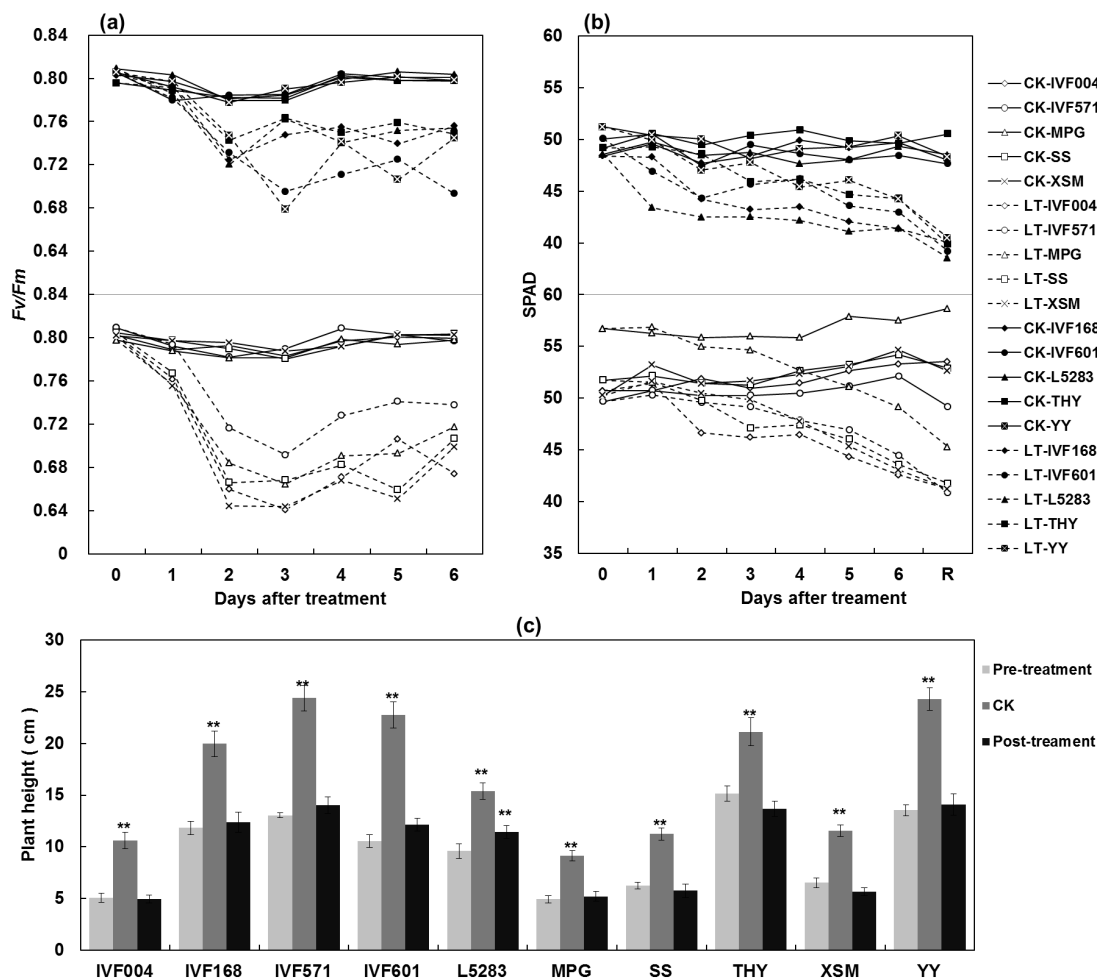
Genotype	Plant height (cm)	
	2018	2019
IVF004	3.39 ±0.30	5.09 ±0.43
IVF168	5.71 ±0.24	11.83 ±0.66
IVF571	6.22 ±0.43	13.05 ±0.23
IVF601	3.94 ±0.27	10.57 ±0.61
L5283	4.76 ±0.25	9.60 ±0.70
MPG	2.24 ±0.17	4.93 ±0.34
SS	2.90 ±0.34	6.27 ±0.33
THY	7.71 ±0.36	15.14 ±0.75
XSM	2.95 ±0.21	6.52 ±0.49
YY	7.33 ±0.43	13.54 ±0.51



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**Fig. S2.** The survival rate of ten genotypes in 2018



**Fig. S3.** Changes of  $F_v/F_m$ , SPAD, and plant height of 10 genotypes under low temperature in 2019.