



**Fig. S1** Effects of temperature on the contents of soluble protein in different varieties of melon seeds. The seeds were subject to 28 °C or 15 °C incubator for germination. The contents of protein were determined at 0, 12, 18, 24 and 36 h at 28 °C or L0, L36, L60, L84 and L108 h at 15 °C and R24h at 28 °C. Data were presented as means of three biological replicates  $\pm$  standard error, and different letters indicate significant differences at  $P < 0.05$  according to Tukey's test.