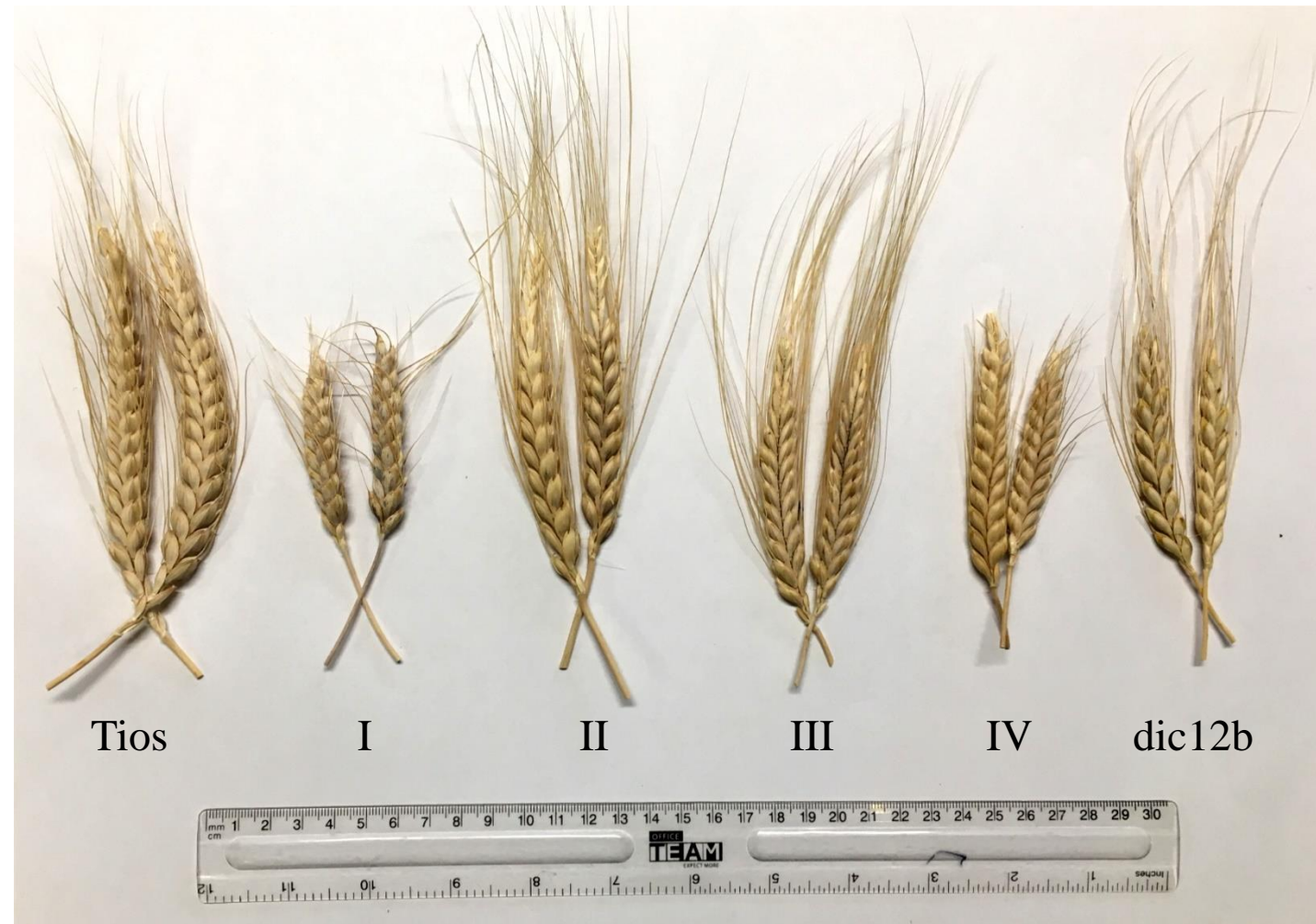


(a)



(b)



Supplementary Figure 1. (a) Ear diversity within the tetraploid mapping population (*PSI*); mature ears are shown from the mapping parents (Tios and dic12b) and four *PSI* individuals (labelled I - IV). ii). Two images showing dic12b and Tios plants during booting. A 30 cm ruler was included for scale.