

Supplementary materials

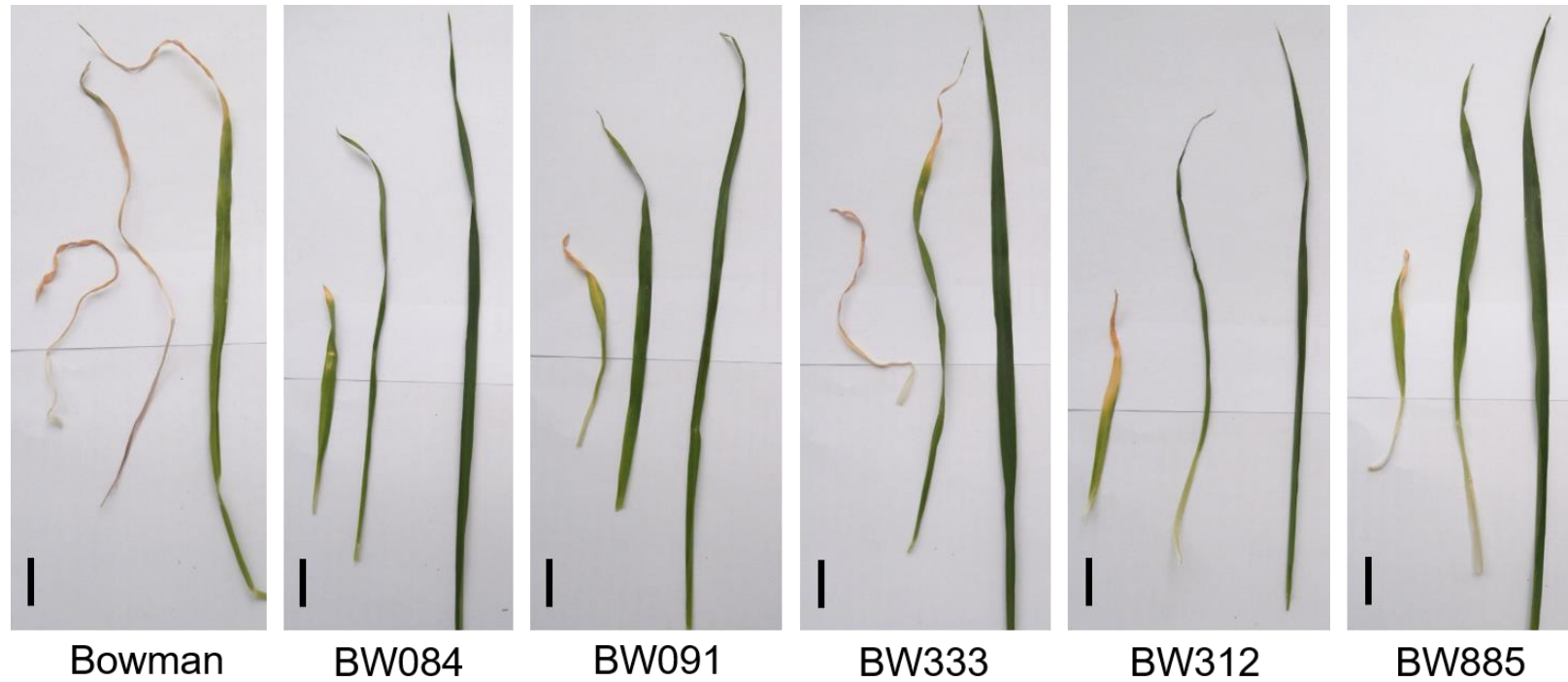


Figure 1S . Leaf injuries in the ‘Bowman’ and BR-deficient or BR-insensitive mutant plants after 3 weeks of drought. In each picture from left to right: the first (the oldest), the second, and the third leaf of each genotype. Bar: 1 cm.

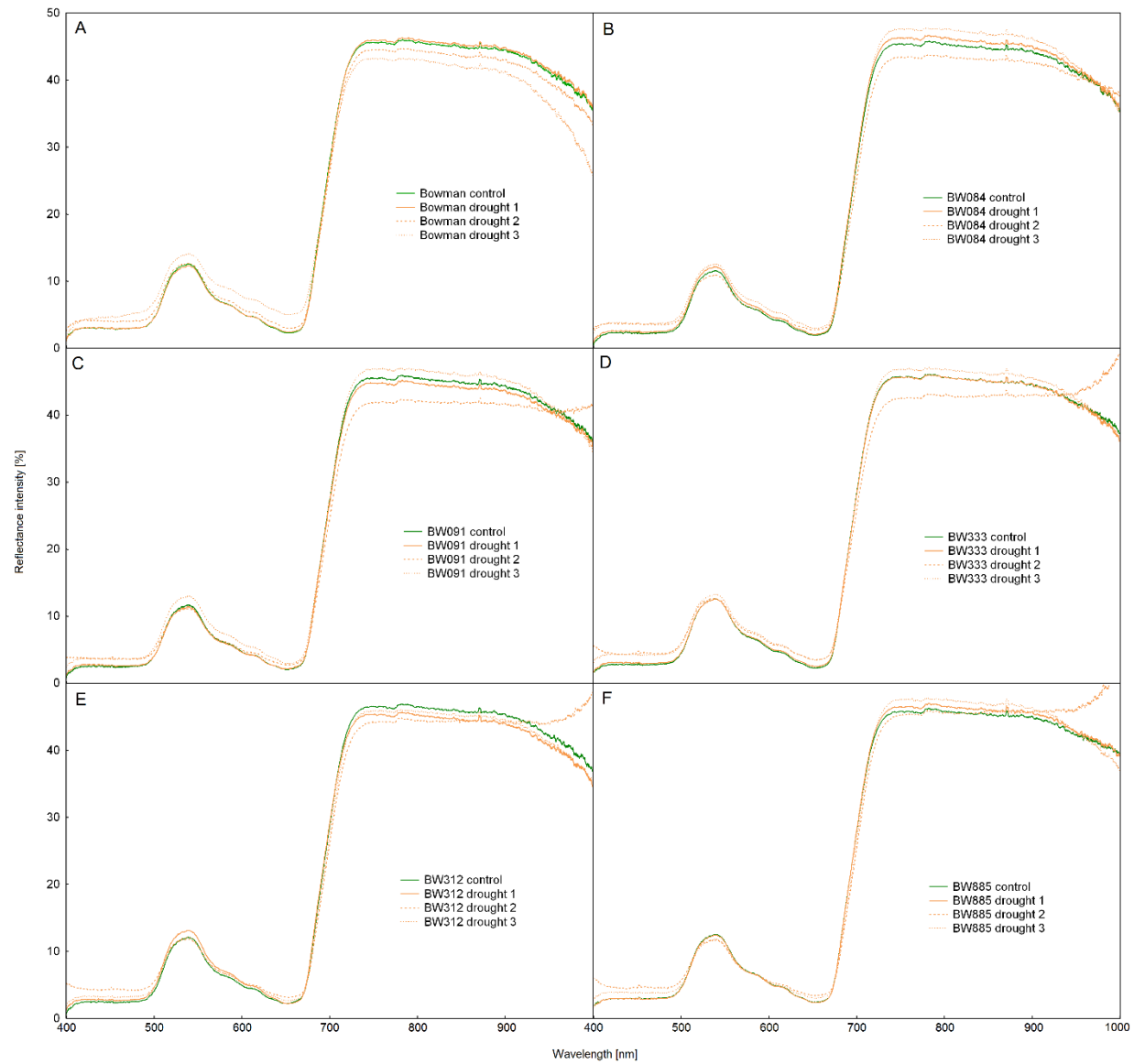


Figure 2S. The reflectance signatures of the analyzed genotypes under the control conditions and during the 3-week drought period.

Table 1S. Sequences of primers and probes used in the analysis of the *HvAPX*, *HvCat2*, and *HvSOD1* transcript accumulation. The *HvADP* gene was applied as the endogenous control.

Gene name	GenBank ID	Forward primer	Reverse primer	TaqMan MGB Probe
<i>Cat2</i>	U20778.1	CTTCAAGCCCAACCCAAAGTC	TGGTGGGAGAGGAAGTCGAA	FAM- ACGCGCCAGTACTC-MGB
<i>SOD1</i>	HM537232.1	GGTGACACGACTAATGGATGCATAT	CATGTGTCAGGCCGTTTGG	FAM- ACAGGGCCACATTTTA-MGB
<i>APX</i>	AJ006358.1	CGCCGATCTCTACCAGCTT	TCCCTCCCTGGGTGGAA	FAM- CTCCACGGCGACAACACT-MGB
<i>ADP</i>	AJ508228.2	GTGGAGGCACTACTTCCAGAAT	ACAACACGTTCCCTATCATTGCT	FAM- ACGCAGGGCCTCATTT-MGB