

Table S2. Changes in the accumulation of the HSP90 and HSP70 proteins in barley in relation to a mutation and the temperature of growth (+ increase compared to the wild type; – decrease compared to the wild type; NC not changed compared to the wild type). The plant material in our studies included the barley (*Hordeum vulgare* L.) BR-deficient mutant 522DK (mutation in the *HvDWARF* gene) from the Delisa cultivar, the barley BR-deficient mutant BW084 (mutation in the *HvCPD* gene), the BR-signalling defective mutant (BW312, mutation in the *HvBRI1* gene) and their reference cultivar Bowman.

Protein	Genetic mutation								
	<i>HvDWARF</i>			<i>HvCPD</i>			<i>HvBRI1</i>		
	20 °C	5 °C	27 °C	20 °C	5 °C	27 °C	20 °C	5 °C	27 °C
HSP90 (cell membrane)	+	+	NC	NC	-	+	-	-	-
HSP70 (cell membrane)	-	-	+	-	+	+	-	-	-
HSP70 (cytosolic fraction)	+	+	+	+	-	+	+	-	NC