

## Supplementary Material

# Heat in wheat: exploit reverse genetic techniques to discover new alleles within the *Triticum durum* sHsp26 family

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**Supplementary Table S4 Mutations retrieved in *TdHsp26-B1* identified by HRM in the cv. Cham1**

Mutant line	Position on <i>TdHsp26-B1Ch</i>	WT base	Mut_base	Het/Ho	Consequence	Amino Acid	Domain	PSSM	SIFT
W4-0841	425	G	A	Het	synonymous_variant	R109=	N-term		
W4-1842	449	C	T	Hom	synonymous_variant	F117=	N-term		
W4-0181	483	G	A	Hom	missense_variant	E129K	N-term		0.27
W4-1152	500	G	A	Het	synonymous_variant	P134=	N-term		
W4-0844	536	G	A	Hom	missense_variant	M146I	ACD	18.4	0.02
W4-1771	550	C	T	Hom	missense_variant	P151L	ACD	25.6	0.00
W4-0940	554	G	A	Hom	synonymous_variant	G152=	ACD		
W4-2013	563	G	A	Het	synonymous variant	R155=	ACD		