

Additional file 1

Gene ID	Gene name	Residue number	Cold response*	Reference
Bradi3g51630	BdCBF1	228	O	This work
Bradi1g49560	BdCBF2	221	O	This work
Bradi1g49570	BdCBF2.1	224	ND	
Bradi4g35650	BdCBF3	239	O	[Ref 30], This work
Bradi4g35600	BdCBF3.1	246	O	[Ref 30]
Bradi1g57970	BdCBF3.2	242	X	[Ref 30]
Bradi4g35590	BdCBF3.3	248	O	[Ref 30]
Bradi4g35610	BdCBF3.4	244	O	[Ref 30]
Bradi4g35620	BdCBF3.5	253	O	[Ref 30]
Bradi4g35630	BdCBF3.6	254	O	[Ref 30]
Bradi4g35570	BdCBF3.7	244	O	[Ref 30]
Bradi3g57360	BdCBF3.8	236	X	[Ref 30]
Bradi2g60340	BdCBF3.9	241	O	[Ref 30]
Bradi4g35580	BdCBF3.10	258	ND	
Bradi1g77120	BdCBF3.11	256	O	[Ref 30]
Bradi3g50630		237	ND	
Bradi5g17610		295	ND	
Bradi5g17630		208	ND	
Bradi5g17640		211	ND	

Additional file 1. Potential CBF homologues in *Brachypodium distachyon*.

Potential CBF homologues were identified in *Brachypodium distachyon* by BLAST searches using the *Arabidopsis* CBF1, CBF2, and CBF3 proteins as baits. The *Brachypodium* proteins having amino acid sequence similarity of higher than 50% are listed. Gene names were given to 15 members of the 19 CBF homologues according to phylogenetic analysis data (see **Additional file 2**). *The cold responsiveness of each homologue has been determined by microarray assays [30]. That of the BdCBF1, BdCBF2, BdCBF3 proteins were determined by RT-PCR (this work). ND, not determined.