

BrDDB1A maintains regular growth of Chinese cabbage via UV tolerance.

Supplementary information

Supplementary Table S1 Primer sequences of two mutants

Marker	Forward primer	Reverse primer	Tm(°C)
ZMD-9	TTTTGTGTTGGTTGTTCTGGAG	AGTTATGTTGGAATTATGCTTTG G	56
ZMD-21	GGACGACGACCCATCAAAG	TTAATCAAAAAGAGCATAAATC CTTATA	56
ZMD-44	CAGACTCTTTATCTAGGACTGC GA	TTTCATGTTTGACAACCTCACTT T	56
ZMD-63	CCAAATGAGATACACTATGCGA AA	TAGAGAGAAAAGCAAGAAGAA CAAGA	56
ZMD-65	TTATGAATCTTAATATGTCGTCT AACAG	ATTTGCGAGTAAATGAGTAATG G	56
XD-5	CTACTCTTACCTCTTTCATTGTC TCTG	AAGCATAACGAGATAAAGATTCA GAAA	56
XD-11	TCTCTGGAAAGGGATTCTCGT	AATACTATCCAAACCGATGCTC A	56
XD-24	CCCACTACAAAAGTTTATCCCA A	GGATTTCTCCATTTCTTGTTTCAG	56
B-1	GGCATTGATTTTGATGAGGG	CGTGGAGACTTTATCGTTGTTG	57
B-2	CCAACAACGATAAAGTCTCCAC	TTCACATACGCACTATTCCTCTG	57
B-3	CTCCCAGAGGAATAGTGCCTA	TTTCTTGCCCTGACATCAACC	57
B-4	TAGTTAGGATTGTCGCCAATG	TTCTACCTTAAAACCTCCGCTGT	57
B-5	GCCTGCAATACAGCGGAGT	CTATTATCTGAGTTTGTATGTG ACCTT	57
B-6	TGGAAGGTCACATAACAAACTC A	ATGGAGCGTGGTGCCTAA	57
B-7	TTTAGGCACCACGCTCCA	TGTCACAAGGTAGGCTTTCCA	57
B-8	ATCATAAAAATAAAAAGACAAGT AACACAAC	AGCGGGCTCACTAATAAACATA	57
B-9	TCCATATCCAAAAAGGCACA	AAATCCCCAAACCTCGTCT	57
CD-1	GGAACTACGTCGTCACGGC	ATCGGAAACATCCCCCATT	
CD-2	GATCCATTTGCTCACCCAC	ACCAATAATAAGGACGCCACAG	
CD-3	TCCCTCCGCATAGTTTCG	TTCTTCAGCATTGTCTGGTTTC	57
CD-4	GCCATCAGGAACAGACACGTA	ATCAAGTCCCCATCCAAGAAGT	57

	C		
CD-5	ACCTCTCTGTGGCGTCCTTATT	TGATTCCTATGCCATTGCGA	57
Pro-1	CACGAAACTGTATTCCTGTGAC	ATGATGATGATGAAGACGACGA	57
	C	T	
Pro-2	ACCTCGATGCAATGGCTCT	CACCAAACCTTACAACGATTCTCC	
Pro-3	AGGCTACGGAAACTTGGGC	ACTGTCTACTACGCGAGGGCT	
<i>BraA09g024830.3C</i>	GGACTCCACCTGTATGACGGC	TTTAACATGACGAGCATCTTTGT	60
		TG	
<i>ACTIN</i>	CGAAACAACCTTACAACCTCC	CTCTTTGCTCATACGGTCA	60
