Name of ORFs	Condition of amplification		Nucleotide sequences of primers	NK198							Size of PCR products (bp)
	Anneal-ing (˚C)	Extension		Anthers		Leaves		Roots		C	
				+	–	+	–	+	–		
bvORF12	60	1:00	5'-CTGATTTTGGACGGAGCTTGTTCG-3'								630
			5'-TGCATTGTAGAAACACCCGCGTAG-3'								
bvORF13	62	1:30	5'-CCAGGGACAGGGAAGACCAAGAC-3'								1100
			5'-AGTCCTCCTTTCCACCCGACAC-3'								
bvORF14	56	0:30	5'-ATCTCCACTTGAAGGGCCAG-3'								250
			5'-TTCTCGTCAGACGGACTGAG-3'								
bvORF15	56	0:30	5'-AGTTACCGTGGAGTTACTAGC-3'								300
			5'-AGCACAGACTCGTTGCCACT-3'								
bvORF16	52	0:30	5'-AACATCTCCCTAGCCTTCCT-3'								870
			5'-CTGAATTCGTTTGCGTATAGT-3'								
bvORF17	56	1:00	5'-CAAGACTTGGTTCAATCAGCC-3'								550
			5'-TTCTTTCTCGGCTTCAGCAGC-3'								
bvORF18 /19/20/21	56	0:30	5'-AAGGCATCCTCTCTTGCAAAA-3'								360
			5'-TGAATTGCACGTCCTGCTACA-3'								
bvORF22	62	1:30	5'-GTGGCTCTCTCTAAACCGGCTTGT-3'								1400
			5'-CATGTTCAGCCCGACCCACGAA-3'								
bvORF23	53	0:30	5'-CTATTGCGTGATCTTTGTGTTAGAA-3'								410
			5'-CTGGTATGTTATTATCAGAGTCAA-3'								
bvORF24	56	0:30	5'-TCGAATCTAACGCGGAGACA-3'								230
			5'-TGCAGAGGGAGTCAAGTCAG-3'								
bvORF25	54	0:30	5'-ACAGGATTCGCTGGCCTTAA-3'								240
			5'-TCAAAATTGGTCCTCACCAC-3'								

Name of ORFs	Condition of amplification		Nucleotide sequences of primers	NK198							Size of PCR products (bp)
	Anneal-ing (˚C)	Extension		Anthers		Leaves		Roots		C	
				+	–	+	–	+	–		
bvORF26	56	1:30	5'-GATGGAAGGTACATGCACAC-3'								100
			5'-CAATGCCACGCCAACTTTCC-3'								
bvORF27	56	0:30	5'-AAGCGTCAGATCCTTAACCC-3'								260
			5'-ACTATTGAGGAACTCTGCTGC-3'								
bvORF28	52	0:30	5'-CACCAATTTTAGGGGCTCTA-3'								120
			5'-AAAAATCCAATCCAATAAGTCC-3'								
bvORF29	56	0:30	5'-TTCTCGAACCATATCCCACC-3'								150
			5'-TGTGAAAGTCGAGAGCTAAGG-3'								
bvORF30	56	0:30	5'-ATATTAAACCCACGGTCCGG-3'								430
			5'-ATGAGACAGTCGTCCCATAG-3'								
bvORF31	54	1:00	5'-GGATCATACCTGAAGAGTGT-3'								570
			5'-TAAGAAGACCATGCTCTTCC-3'								
bvORF32	56	0:30	5'-TTGAACTTCCTAGACCTGGAGT-3'								500
			5'-CACCGAGCTTCTTAAGTAGCATGT-3'								
bvORF33	56	0:30	5'-ACACTTCTTAGGGTGACGAAG-3'								170
			5'-TGTTGAAGCAGTGTGGGGTG-3'								
bvORF34	56	1:00	5'-TGGCAAAGGGGTTTTGACAC-3'								560
			5'-GCAATTCCAGGATCAACATAGCAC-3'								
bvORF35	54	0:30	5'-TCTGATGTATCCACATCATCG-3'								230
			5'-ATTAGATGCATCACGGTCTGG-3'								

FIGURE S1.– RT-PCR analysis of 21 bvORFs. Names of target ORFs, annealing temperatures, extension times, nucleotide sequences of primers, and sizes of PCR products are shown. RNA samples were subjected to reverse transcription with (+) or without (–) reverse transcriptase. Integrity of the PCR reaction was confirmed by control experiments using genomic DNA as templates (C).