

Table 1. Primers used in the qRT-PCR reactions.

LBD gene name	Forward primer 5'-3'	Reverse primer 5'-3'
<i>VvLBD01</i>	TCTAAGTCCAAGCCAAAACCTC	GCCATTCTAAGTGATAACCTAACG
<i>VvLBD02</i>	AGTTCCTGCTGTTTTAGTTTCATC	TGTGTATCCATCTTTTCTGTTTCG
<i>VvLBD04</i>	ACCGCTCATCGTGTGTTC	GTCTCTAATCCTCGCTTGC
<i>VvLBD08</i>	TGTCTCCTTCGCCAGTTTC	AGTTCGTCAGCATCATCTTG
<i>VvLBD10</i>	AATCCTTGCTCATCGTCTCAG	CATCTCTTGTTGCTCTCTTGC
<i>VvLBD18</i>	CCCGTGTATGGATGTGCTG	TGCTGCTGCTGCTGAAAG
<i>Vvactin</i>	TACAATTCCATCATGAAGTGTGATG	TTAGAAGCACTTCTGTGAACAATG

Table 3. qRT-PCR analysis data in grape.

Gene name	Stress treatment	Expression value	Standard deviation	Gene name	Tissue	Expression value	Standard deviation
<i>Vv01</i>	CK	1	0.2369	<i>Vv01</i>	Root	1.17	0.1925641
	Man	38.01	1.313		Stem	2.72	0.0876
	NaCl	74.17	0.989		Leaf	1	0.13536654
	HT	77.15	0.9912				
	LT	0.13	0.1134				
<i>Vv02</i>	CK	1	0.2369	<i>Vv02</i>	Root	2.41	0.071614484
	Man	0.062	0.05164		Stem	5.47	0.226
	NaCl	0.47	0.08017		Leaf	1	0.03564736
	HT	5.22	0.26				
	LT	0.35	0.1401				
<i>Vv04</i>	CK	1	0.00456	<i>Vv04</i>	Root	2.126	0.349
	Man	31.96	0.57344		Stem	5.098	0.24584417
	NaCl	0.26	0.27		Leaf	1	0.16430551
	HT	2.17	0.24				
	LT	0.022	0.0582				
<i>Vv08</i>	CK	1	0.046	<i>Vv08</i>	Root	1.128	0.089561298
	Man	0.44	0.27344		Stem	1	0.161365903
	NaCl	2.315	0.027		Leaf	1.742	0.033425917
	HT	1.05	0.24				
	LT	4.32	0.38				
<i>Vv10</i>	CK	1	0.14	<i>Vv10</i>	Root	39.75	0.7044
	Man	1.47	0.098		Stem	1	0.1853
	NaCl	0.85	0.055		Leaf	12.22	0.253
	HT	1.74	0.167				
	LT	1.36	0.0096				
<i>Vv18</i>	CK	1	0.44	<i>Vv18</i>	Root	1.811	0.06355
	Man	2.37	0.1453		Stem	1	0.1239
	NaCl	0.24	0.09762		Leaf	2.25	0.0217
	HT	5.28	0.0866				
	LT	0.19	0.08111				

Table 4. Comparison of the number of LBD genes in *Arabidopsis*, rice, maize, poplar, apple, tomato and grape.

Species	Genomic size			Class I	Class II	Class III	LBD genes
	(Mb)	Genes number	Percentages (%)				
<i>Arabidopsis thaliana</i>	125	25,498	0.165	36	6	0	42
<i>Oryza sativa</i>	389	37,544	0.0933	29	5	1	35*
<i>Zea mays</i>	230	32,000	0.138	37	7	0	44
<i>Populus trichocarpa</i>	485	45,000	0.127	—	—	—	57
<i>Malus domestica</i> Borkh.	742	57,386	0.101	45	13	0	58
<i>Solanum lycopersicum</i>	900	35,000	0.131	40	6	0	46
<i>Vitis vinifera</i>	487	30,343	0.131	33	7	0	40

*Class III is found only in rice with two LOB motifs.