

Supplementary Materials

Genome-Wide Identification of *VOZ* Gene Family in Six Cucurbitaceae Species and the Role of *CmoVOZ2* in Salt and Drought Stress Tolerance

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Table S1. Chromosomal information of VOZ genes in six Cucurbitaceae species

Name	Gene ID	Chromosome	Location
<i>CargVOZ1</i>	Carg07755	Chr07	56865 .. 60425 (-)
<i>CargVOZ2</i>	Carg15320	Chr03	338531 .. 342459 (+)
<i>CargVOZ3</i>	Carg03109	Chr20	134324 .. 137402 (+)
<i>CargVOZ4</i>	Carg05122	Chr07	12737 .. 15175 (-)
<i>ClaVOZ1</i>	Cla97C01G023230.1	Chr01	34763205 .. 34765707 (+)
<i>ClaVOZ2</i>	Cla97C02G036280.1	Chr02	16754161 .. 16756569 (-)
<i>CmVOZ1</i>	MELO3C007248.1	Chr08	1709815 .. 1713888 (-)
<i>CmVOZ2</i>	MELO3C019321.1	Chr11	11404847 .. 11407858 (-)
<i>CmoVOZ1</i>	CmoCh07G002120.1	Chr07	1063694 .. 1067347 (-)
<i>CmoVOZ2</i>	CmoCh03G012970.1	Chr03	9786940 .. 9791897 (+)
<i>CmoVOZ3</i>	CmoCh20G006520.1	Chr20	3187678 .. 3190850 (-)
<i>CmoVOZ4</i>	CmoCh02G001990.1	Chr02	932111 .. 934978 (-)
<i>CsVOZ1</i>	CsaV3_6G050500.1	Chr06	29459015 .. 29470420 (+)
<i>CsVOZ2</i>	CsaV3_2G034550.1	Chr02	22956134 .. 22960364 (+)
<i>CsVOZ3</i>	CsaV3_4G028820.1	Chr04	18302368 .. 18304592 (-)
<i>LsiVOZ1</i>	Lsi01G002760.1	Chr01	2456480 .. 2460158 (-)
<i>LsiVOZ2</i>	Lsi10G000870.1	Chr10	1457206 .. 1460401 (+)

Table S2. All primers used for gene cloned, qRT-PCR, and vector construction

Primer name	Forward Primer Sequence (5'–3')	Reverse Primer Sequence (5'–3')
CmoVOZ1 (gene cloning)	TCTATTTCTCGTCCTAC	AACCAGCTTTACCGTTATC
CmoVOZ2 (gene cloning)	TCCCCGGGTCTAGAAGA	AGAAAAAAGAGTTATTATGT
CmoVOZ3 (gene cloning)	TTTACCCTGATTTTCGACCC	GGTCGGTTGATCAGTTAGTG
CmoVOZ4 (gene cloning)	TCATTACGCTCATTCTAAA	GACGAGTATGTACCATCATAACAAT
Cmo-β-Actin (qRT-PCR)	GTGCCTGCTATGTATGTTGCC	GGTCCAAACGGAGAATGGCATG
CmoVOZ1 (qRT-PCR)	TTAGTACGAAGGCACAAGGA	CACTATAATCCGGCAATGAC
CmoVOZ2 (qRT-PCR)	GAGTCATGCCACCCAATGGA	CGATTGAAACCATCAGCCTGC
CmoVOZ3 (qRT-PCR)	CATGGCTACTCAGCCTAATTGTCAA	AATGCATGGCAATCCAAAGT
CmoVOZ4 (qRT-PCR)	TTATGCAGAACTTAGTGCTC	TGTCCTGACTAAAGTCTCCC
CmoVOZ2 (1305-GFP)	ggacagcccagatcaactagtATGGGAAAACATTCGAAGACCA	ggtcctcgagagctctctagaTGTAAGGTAATATTCGCTCAAATTCTC
CmoVOZ2 (pYES2)	cgataaggtacctaaggatccATGGGAAAACATTCGAAGACCA	tgctggatatctgcagaattcTGTAAGGTAATATTCGCTCAAATTCT
CmoVOZ1 (pGBKT7)	atggccatggaggccgaattcATGGGGAAGCATTCTGAAGACC	ctagttatgcggccgctgcagCTACGTAAGGTAATATTCGCTCAAATT
CmoVOZ2 (pGBKT7)	atggccatggaggccgaattcATGGGAAAACATTCGAAGACCA	ctagttatgcggccgctgcagTGTAAGGTAATATTCGCTCAAATTCT
CmoVOZ3 (pGBKT7)	atggccatggaggccgaattcATGCCGAAGGGTTTGAAGAGT	ctagttatgcggccgctgcagTCAGTTAGTGTTAGACATATTCTGATTATGTG
CmoVOZ4 (pGBKT7)	atggccatggaggccgaattcATGCCGAGGGTTTGAAGA	ctagttatgcggccgctgcagTTATTTGACTGATTGTCCAAGCTCC

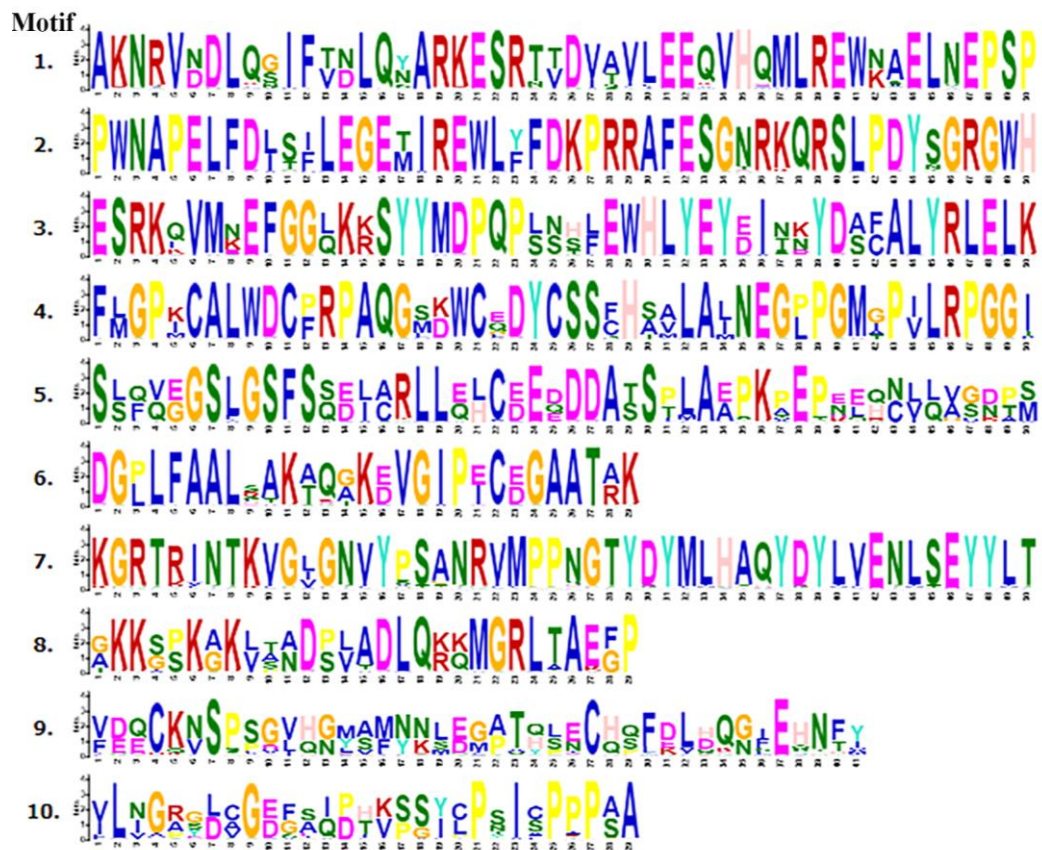


Figure S1. The consensus sequences of ten motifs.