

Supplementary File

Table S1 Primers sequences of all genes for qRT-PCR.

Primer Name	Forward Primer (5'-3')	Reverse Primer (5'-3')
<i>liYUCCA1</i>	CCTCGTACACGGTCCCATAA	ATGGAGTTTGAGTCGGTCGT
<i>liYUCCA2</i>	CCTTTCCTTCAAGCTACCC	CGGGAAACATACTCCGTTGT
<i>liYUCCA3</i>	AGACAGTCCAGTCAGCGAAA	ACTCAAACCTCGCAAGAACCG
<i>liYUCCA4</i>	AGAAGCAGGGCATAGTCGAA	GGAACGCCACGGTTTGATAA
<i>liYUCCA5-1</i>	GACAAGGTCTTCTTCTTCCTCC	GCAAGAGTGGATCACCTCG
<i>liYUCCA6-1</i>	CTGGAGGAGAGAGATGGAAGG	CTTTCAGACAAGCCGCCGT
<i>liYUCCA7</i>	GACGTCGGAGCCTTCTCTAA	AAGTCGTTCTCCTTGAGCCA
<i>liYUCCA8</i>	GAGCTCTAGCGAAGATCCGA	TGCGATAACCAGTAGCGAGT
<i>liYUCCA9</i>	GATATTTATCAGACCGTCGGTGT	TTGTTGGGTATTCAAGGGTAGTGA
<i>liYUCCA10</i>	CGGGTTTAGCAACATCGGTT	TGGGCATAAAGGTGGGAACA
<i>liYUCCA11</i>	CATTCCCTCCCAACACTCCT	ATACGCCGATTGACGTTCC
<i>liIF2</i>	TACCAGTGGCTCGCTTGAC	CAACCAAAGCAAATGACGTACTC
<i>liPP2A-4</i>	GAATGCCTGCGAAAGTATGG	TCCTAATGTTGTCAAGGGTCTC
<i>liRPL15</i>	GGGCGAAGAGGAAAGGTAG	CGGAAGACGGCGATAAAGAG
<i>CaMV35S</i>	ACAGAACTCGCCGTAAAGAC	GAAGGGTCTTGCGAAGGATA
<i>NbActin</i>	CGTTATGGTTGGAATGGGACAGAA	AAGAACAGGGTGCTCCTCGTGG
<i>NbIAA8</i>	ACCCTGCCAAAGATAGTGCT	GTGGTTGAACACGTGAGGTC
<i>NbIAA16</i>	TTGGCCACCAGTGAGATCAT	CTCCGTCCACGCTAACTTTC
<i>NbGH3.1</i>	TATGTACGCAGCTTCCGAGT	CACGGGATGAGTTAGGGTCA
<i>NbGH3.6</i>	CGTGTTTGCCTCAGGCTTTA	ACTGCCTCTCTCACTGAAGG
<i>NbSAG12</i>	CGTTATGGTTGGAATGGGACAGAA	AAGAA CAGGGTGCTCCTCGTGG

	10	20	30	40	50	60
1	ATGGATTCTGCTGGAGGAGAGATGGAAGTTAACTAGCACATGACTACTTGTGCTCC					
1	M D F C W R R E M E G K L A H D Y L S S					
	70	80	90	100	110	120
61	GCAAAGAGCCATCACGGCGTGATGACGTACCGCGCGCGTCTGCGTCTACCGGACCG					
21	A K S H H G V M T S P R R V C V V T G P					
	130	140	150	160	170	180
121	GTGATCGTAGGCGCGGACCGTCCGGACTAGCGACGGCGGCTTGTCTGAAAGAGAAAGGA					
41	V I V G A G P S G L A T A A C L K E K G					
	190	200	210	220	230	240
181	ATAACTTCGGTACTACTCGAGAGATCAAAGTGCATAGCTTCACTATGGCAGCTTAAGACT					
61	I T S V L L E R S N C I A S L W Q L K T					
	250	260	270	280	290	300
241	TACGACCGGCTCCATCTCCACCTTCTAAGCAATTCTGTGAAGTTCGCTCATACCTTT					
81	Y D R L H L H L P K Q F C E L P L I P F					
	310	320	330	340	350	360
301	CCCGCGGATTTTCCAATTATCCGACGAAGCAGGTTTCATCGAGTACCTCGAGGACTAC					
101	P A D F P T Y P T K Q Q F I E Y L E D Y					
	370	380	390	400	410	420
361	GCCCGGAGTTTCGATATACGGCCGGAGTTTGGTCAGAGGTTGAGTCGGCGGAGTTTGAT					
121	A R R F D I R P E F G Q T V E S A E F D					
	430	440	450	460	470	480
421	GAGAACCCTGGGATGTGGCCCGTGACGAGCGTGGTGAAGAGGCGACGCGGAGTACGTT					
141	E N L G M W R V T S V G E E G T T E Y V					
	490	500	510	520	530	540
481	TGCCGGTGGTTGGTGGCTGCGACGGGGAGAATGCGGAGCGGTTGCCAGGTTTGAG					
161	C R W L V A A T G E N A E P V V P R F E					
	550	560	570	580	590	600
541	GGTATGGAGAAGTTTGAGGCCACCGGATAGTTAAGCACAGAGTCAATTATAAGACCGGC					
181	G M E K F E A T G I V K H T S H Y K T G					
	610	620	630	640	650	660
601	GGAGATTTCGCCGAAAAGGGTTTGGTCGTGGATGTGAAACTCCGCGATGGAGGTT					
201	G D F A G K R V L V V G C G N S G M E V					
	670	680	690	700	710	720
661	TGTTTGGATCTCTGCAATTTCCGGTCTCAGCCTTCTCTGTTGTGACAGAGCGCTGTGCAC					
221	C L D L C N F G A Q P S L V V R D A V H					
	730	740	750	760	770	780
721	GTCTACCACGAGAGATGTGGGTACTTCGACTTTTGGGCTGTCCATGTGCTACTTAA					
241	V L P R E M L G T S T F G L S M L L L K					
	790	800	810	820	830	840
781	TGGTTGCCCATCCGGCTCGTTGACCGTTTCTCTTGGTTGTTTCCGGTTCATCCTCGGG					
261	W L P I R L V D R F L L V V S R F I L G					
	850	860	870	880	890	900
841	GATACCACCTGTTAGTCTTAACCGTCCCGTTTAGGCCCACTAGAGCTCAAAATCTC					
281	D T T L L G L N R P R L G P L E L K N L					
	910	920	930	940	950	960
901	ACCGGAAAACCGCGTTCTCGACGTCGGGACGCTTGCCAAGATCAAAACCGGAGATATC					
301	T G K T P V L D V G T L A K I K T G D I					
	970	980	990	1000	1010	1020
961	AAGGTGTGTTCCGGGATAAGAAGTTCAAACGGCATGAAGTTGAGTTTGATAACGGGAAA					
321	K V C S G I R R F K R H E V E F D N G K					
	1030	1040	1050	1060	1070	1080
1021	ACAGAGAGATTGACGCCATAATATTGGCACTGGCTACAAAAGCAACGTACCCCTTTGG					
341	T E R F D A I I L A T G Y K S N V P S W					
	1090	1100	1110	1120	1130	1140
1081	CTAAGGAGAATAAAATGTTTAGTAAGAAAGATGGATTCCCAATACAAGAGTTTCCGGAG					
361	L K E N K M F S K K D G F P I Q E F P E					
	1150	1160	1170	1180	1190	1200
1141	GGATGGAGAGGGGATGTGGGCTATATGCTGCGGATTCACAAAACGTGGAATTTTCGGA					
381	G W R G E C G L Y A V G F T K R G G I F G					
	1210	1220	1230	1240	1250	1260
1201	GCATCAATGGATGCAAGAAAATAGCTCAAGACATATACGAGTGTCTCAAGAAAATCTGAT					
401	A S M D A K K I A Q D I Y E C S R K S D					
	1270	1280	1290	1300	1310	1320
1261	CAAGCCCATAGACATATACAAGTGTTCATGTCAAGAAAACCTGATCAAGCCTATAGTAGA					
421	Q A H R H I Q V F M S R K P D Q A Y S R					
	1330					
1321	TTACTAGACGGTTGA					
441	L L D G *					

Figure S1. The nucleic acid and amino acid sequences of *liYUCCA6-1*.

