

Table S1. Primers for expression analysis of 20 DEGs in buffalobur seeds

Gene ID	Forward primer	Reverse primer
c76033_g1	GCGGAAAAATATGGTGCAAAACGGG	GCAGAAGACGGCAAAACGGG
c134052_g1	TGAAGAGGGAGCCAAGTGTCCA	CGATAAAGGAACCAGCCAACAAGCAC
c135078_g1	CGATAAGCCTAGCAATAACCCACT	CGAATCCACCCTCTGTCAACG
c193708_g2	ATATGGAGAAGGAGGGAAAAGGTATGC	GGGCTTGTTTGGAGAGAGTGGT
c219127_g1	GCACAAGGAAAAGTAATGAACTGAAAACCC	ACCCAAATTAACCGAAAACCCAATGC
c224642_g1	CGCCAAGATGAAAAAGACAACTGAACG	ACCCAAGGAGGCAGAACAATCG
c211446_g1	CGTATTCACCTTCTGTCTGTCC	GTATGGGTATGGGTATGGGTTCTGGT
c177902_g1	CGAAGAATAACGGAAGTGAAGAAGC	GAATACGGTTGTTGGAGTGATCTTGGA
c110023_g1	AGGTTCTTGATGACTCCACCAACG	AGCCATTCCTGTTGTTTCTTGTTTCGT
c228847_g2	CGCCATAGCCAGTAACACCTTCA	AGAATTGCCAGAATCCACACG
c215512_g1	TAACTCAAATCCCTGGCTTCAATGGC	TACAACTGGGTCCTCTGATGGG
c227571_g1	CGTTCAGCCCCAAGTTCTATTCT	TTCCACAGACCCCAACCAT
c155529_g1	CCCTCACAAACCCCCAAAAAAGAT	GGTAGGAGTGACAAGTGCTGGAT
c233052_g1	ATGGATGGGTTCAAGAGATGGC	GCATTGAGTCGCCGTAAAATCCT
c197117_g2	TCCAATACTACAAAACCCCAATG	CATCACACAAGGACAACCCAATATG
c194246_g2	AGTCCCTCTGTTTCTGATATAATTCTGC	TTCCCTTGCTCTCTTCCACTTCTCTAT
c227970_g1	AAGCGGGACAAGTGAACAAGACTA	CCTCCTTCTCCTTCTTTTCGTGCTC
c178034_g1	GGTGTCTTCCCCAGTATTCCTT	ACAAGCACAGAGCGATTAGAGATT
c233593_g3	TCCAACAACACTTCGGGGCTC	GCTTCACACTCTTAAACCTCCCATTAGTC
c208761_g1	AAGGGTTTGTTAGAGTCAATGGTGC	ACATAAAGAGAGCCCCGCAG

Table S2. Primers of reference gene and genes related to seed dormancy and germination in buffalobur seeds

Gene	Gene ID	Forward primer	Reverse primer
<i>PP2Acs</i>	c211752_g1	GCCAGTAAAAAGCCCTGTGACTA	CGCAAGCATTTCATCATAGAACCCAT
<i>GAI</i>	c155529_g1	CCCTCACAAACCCCCAAAAAAGAT	GGTAGGAGTGACAAGTGCTGGAT
<i>GA3ox1</i>	c228847_g2	CGCCATAGCCAGTAACACCTTCA	AGAATTGCCAGAATCCCACGC
<i>GA2ox2</i>	c233593_g3	TCCAACAACACTTCGGGGCTC	GCTTCACACTCTTAAACCTCCCATTAGTC
<i>PYL2</i>	c178034_g1	GGTGTCTTCCCCAGTATTCCCTT	ACAAGCACAGAGCGATTAGAGATT
<i>NCED6</i>	c227970_g1	AAGCGGGACAAGTGAACAAGACTA	CCTCCTTCTCCTTCTTTCGTGCTC
<i>CYP707A</i>	c197117_g2	TCCAACATACTCACAAAACCCCAATG	CATCACACAAGGACAACCCAATATG
<i>MAN2</i>	c208761_g1	AAGGGTTTGTTAGAGTCAATGGTGC	ACATAAAGAGAGCCCCGCAG
<i>MAN5</i>	c233052_g1	ATGGATGGGTTCAAGAGATGGC	GCATTGAGTCGCCGTAAAATCCT
<i>MAN7</i>	c194246_g2	AGTCCCTCTGTTTCTGATATAATTCTGC	TTCCCTTGCTCTCTTCCACTTCTCTAT