

Supplementary Table S1. The qPCR primers for LAC genes of turnip and Chinese cabbage

Primers	Sequences
qLAC1-F	CTCCGCATAATCAACGCTGC
qLAC1-R	CGTCGACTTCGACTACGGTT
qLAC2-F	TACAACCGTCGCAGGGATTC
qLAC2-R	TCGCTGCATAGCTCGTACTG
qLAC3.1-F	GCCTACTTCGCTTTTCTCGC
qLAC3.1-R	TTACGCAGCACAAATTCACGG
qLAC3.2-F	CTCCAGCGACTCTCCTTTGT
qLAC3.2-R	TTCCTTAGCACAAATTCACGGA
qLAC4.1-F	CCACCTTTTCACGGTGGTTG
qLAC4.1-R	GACCGGGGGCTATAACGATG
qLAC4.2-F	GGAGAGCCATCCTACGCATC
qLAC4.2-R	TCCATCCAGCAGTAGGGACA
qLAC4.3-F	CAAACCGTTCAAGACCGACAC
qLAC4.3-R	GGTGGTTAGGAGGACGTTGG
qLAC5.1-F	GGGCCGTTATCAGATTTGTCG
qLAC5.1-R	CAATGCATTATCCAAACCCCA
qLAC5.2-F	GCGGTCCTTCTTCTTCACTT
qLAC5.2-R	TGGTGTGCTCTGTTGGCTTC
qLAC6-F	AGCGCCAAGGAAGACATACC
qLAC6-R	GTTTGGTGTACTCGCCGTCT
qLAC7-F	TCCAAAGACATCTACACCAAACCT
qLAC7-R	GTGAGCCGCCATGTAGTAGG
qLAC8.1-F	GATCTGGTCGTCCCTACCCT
qLAC8.1-R	GGCGAGGCCATTTATGAGGA
qLAC8.2-F	ACGGCTGACCAGCCCAA
qLAC8.2-R	TGCTGTGACTTGGCATCCT
qLAC9-F	ATGACTTCCCCGACCAACCT
qLAC9-R	AGACTCTGTACGGACGCTGAA
qLAC10-F	ATTAGCGGTAGAGAGCGGGA
qLAC10-R	TCGGTGGTGAAGGGTTTGAC
qLAC11.1-F	GGTCTAAAGATGGCTTTCGTTGTT
qLAC11.1-R	GTCCTTGGGCGGTGGTAGA
qLAC11.2-F	CGACATGTGTGAACGGGACA
qLAC11.2-R	AGGCGGTCTATCAGGGAAGT
qLAC12.1-F	CCATAGTGATTAATATGCATGGTGT
qLAC12.1-R	CCTTCTTGGCCTTGGATCGT
qLAC12.2-F	CAGGCATGGTGTGAGGC
qLAC12.2-R	TGTGTAGCTCTTCCGGGTC
qLAC12.3-F	TTCCATGGCAGAAGCCAACA
qLAC12.3-R	CACCGTGCCGTACGATGAA
qLAC13-F	CTGATGCACTGCCACATCG

qLAC13-R	CAAGTGCCCTTCACCGTTCT
qLAC14-F	CCACCCGGTTCACTAACCAA
qLAC14-R	AACCGGACGGTTACTGGTTC
qLAC15.1-F	AACGCTACCCAAACCTTCCT
qLAC15.1-R	GCGAGATCTTCACGGGAACT
qLAC15.2-F	CGGAGAAGCGGTTGAAATGG
qLAC15.2-R	AAATGCATGGGGTGGTCGAT
qLAC16.1-F	AACCGTTCAAGACCGACACC
qLAC16.1-R	GGTTAGGAGGACGTTGGTGG
qLAC16.2-F	AAATCGGACGTGGAGCAACT
qLAC16.2-R	ATTAGAGATGGGGCCGGAGT
qLAC17.1-F	CGGTGGGGTTGGGGACTAA
qLAC17.1-R	AGGAGAGCCTTCGTTGGTAG
qLAC17.2-F	GGATTGGGAACAAACCTTGC
qLAC17.2-R	AGAGCCTTTGTTGGCATCGT
qLAC17.3-F	GAACCTTCGCTCTTCGCAC
qLAC17.3-R	GGCACGTTAGCTGGGAATCT
qLAC22-F	TAACGGCAAGTTCCCTGGAC
qLAC22-R	TAGCTGACGCTGTTGGTGAG
qTUB-F	ACCGTCTCGTCTCTCAGGTT
qTUB-R	AGATGACTGGGGCGTAGGAT