Table S1: Summary of primers used in this study.

Name	Sequence
ACTIN-F	TGGATTCTGGTGATGGTGTG
ACTIN-R	GTTCGGCTGTGGTGGTAAAC
CcbHLH35-qPCR-F	GATTACATACAAGAGCTGCACG
CcbHLH35-qPCR-R	TCTTCTTCGATTTCCCAGACTC
CcbHLH92-qPCR-F	GAGGTTCTCAAATGCTTGAAGG
CcbHLH92-qPCR-R	GTGACGAAAAAGAAGCTTGTCT
CcRCCR-F	CGGCAAGTAACTTTTTCTCACA
CcRCCR-R	CTAACCATCAGATCTTTGTGCG
CcChlase1-F	TTGCTCTATCACTACGCTATGG
CcChlase1-R	AAAACTCTTCATGGTTTGCTCC
CcBCH2-F	GCTTCTTTAATGGCAAAAACCG
CcBCH2-R	GGATCTCTTTCTCGCCAATTTC
CcPSY1-F	GTTGCATTGCTATGGGTTGTAT
CcPSY1-R	GTTTTCCTCTCGAACTGAATCG
CcPAO-F	GCTTCTTGGGAGAGACTTAGTT
CcPAO-R	ACCATTGTAGGAAACCTCGTAG
CcNCED5-F	AGAGCGTTTTATCCGAAATTCG
CcNCED5-R	CTCGCCGCCATATTTATTATCG
CcNYC1-F	GGCACGGTTTTCCTTTACAGATG
CcNYC1-R	TGTTGTAGTTCTGACGCTTTCTG
CcLCYb-F	GAGAGATTCGCATCTGAACAAC
CcLCYb-R	GAATGACACAATGCTCATCCTC
CcbHLH35-F	ATGGAAAACCTCGGCGAA
CcbHLH35-R	GACGCTCATGGGACTTGA
CcbHLH92-F	ATGGATGAGTTCTTGGGAGAT
CcbHLH92-R	GCCTTCCTGGTAGTGACG
BD-CX-F	AGTTGACTGTATCGCCGGAA
BD-CX-R	ACCCCTCAAGACCCGTTTAG
pBD-CX-F	TATGCCTCTAACATTGAGAC
pBD-CX-R	CTGCTAAACAGGAGCTCACA
bHLH35-pBD-F	tcgccgaccggtaggcctATGGAAAACCTCGGCGAA
bHLH35-pBD-R	aaccagagttaaaggcctGACGCTCATGGGACTTGA
bHLH92-pBD-F	tcgccgaccggtaggcctATGGATGAGTTCTTGGGAGAT
bHLH92-pBD-R	aaccagagttaaaggcctGCCTTCCTGGTAGTGACG
bHLH35-BD-F	aggccgaattcccggggatccATGGAAAACCTCGGCGAA
bHLH35-BD-R	ctagttatgcggccgctgcagGACGCTCATGGGACTTGA
bHLH92-BD-F	aggccgaattcccggggatccATGGATGAGTTCTTGGGAGAT
bHLH92-BD-R	ctagttatgcggccgctgcagGCCTTCCTGGTAGTGACG
CcbHLH35-GFP-F	aatttactattctagggtaccATGGAAAACCTCGGCGAA
CcbHLH35-GFP-R	gtatgggtatctagactgcagACGCTCATGGGACTTGA

CcbHLH92-GFP-F	caatttactattctagggtaccATGGATGAGTTCTTGGGAGAT
CcbHLH92-GFP-R	gtatgggtatctagactgcagGCCTTCCTGGTAGTGACG
2300GFP-CX-F	ATGACGCACAATCCCACTATC
2300GFP-CX-R	AGATGAACTTCAGGGTCAGC
CcbHLH35-2300-F	aatttactattctagggtaccATGGAAAACCTCGGCGAA
CcbHLH35-2300-R	gtatgggtatctagactgcag ACGCTCATGGGACTTGA
CcbHLH92-2300-F	caatttactattctagggtacc ATGGATGAGTTCTTGGGAGAT
CcbHLH92-2300-R	gtatgggtatctagactgcagGCCTTCCTGGTAGTGACG
2300-CX-F	ATGACGCACAATCCCACTATC
2300-CX-R	AAGCGTAATCTGGAACGTCA
*CcNYC1*pro-0800-F	cactatagggcgaattggATGAAATACAATGTGTGT
*CcNYC1*pro-0800-R	ttggcgtcttccatggTATGAATTCCACTATCTT
*CcChlase1*pro-0800-F	cactatagggcgaattggTTGCTATATCTTCCTTCT
*CcChlase1*pro-0800-R	ttggcgtcttccatggTAAGACTGAACGTCAAAC
*CcPAO*pro-0800-F	cactatagggcgaattggTTACATGGCGTAAGTGTATAT
*CcPAO*pro-0800-R	ttggcgtcttccatggTCTCACCAATTAAAGGTTCTA
*CcRCCR*pro-0800-F	cactatagggcgaattggAAGTAAGAATGTGAGCTGTG
*CcRCCR*pro-0800-R	ttggcgtcttccatggCAATCGTGATAGTTAATGTT
C*cBCH2*pro-0800-F	cactatagggcgaattggGAAAGAATGTTTTACGGATA
*CcBCH2*pro-0800-R	ttggcgtcttccatggGTACAATTTTAATTGGACCT
*CcNCED5*pro-0800-F	cactatagggcgaattggCAGTGCTGATAAGTATCAAA
*CcNCED5*pro-0800-R	ttggcgtcttccatggGAGAAAACAAAATAAAGGGT
*CcPSY*pro-0800-F	cactatagggcgaattggAATACTACTTTGTCCCAA
*CcPSY*pro-0800-R	ttggcgtcttccatggTTTTCTACATGTGCATAC
0800-CX-F	AAGTTGGGTAACGCCAGGG
0800-CX-R	TCCAGGAACCAGGGCGTAT
pEAQ-CX-F	CTTGACGAGGTATTGTTGCC
pEAQ-CX-R	CTGCTAAACAGGAGCTCACA
bHLH35-pEAQ-F	caaattcgcgaccggtATGGAAAACCTCGGCGAA
bHLH35-pEAQ-R	agttaaaggcctcgagGACGCTCATGGGACTTGA
bHLH92-pEAQ-F	caaattcgcgaccggtATGGATGAGTTCTTGGGAGAT
bHLH92-pEAQ-R	agttaaaggcctcgagGCCTTCCTGGTAGTGACG
pCold-gst-CX-F	ACGCCATATCGCCGAAAGG
pCold-gst-CX-R	GGCAGGGATCTTAGATTCTG
CcbHLH35-pCold-F	ggtaccctcgagggatccATGGAAAACCTCGGCGAA
CcbHLH35-pCold-R	catcatcatcatctgcagGACGCTCATGGGACTTGA
CcbHLH92-pCold-F	ggtaccctcgagggatccATGGATGAGTTCTTGGGAGAT
CcbHLH92-pCold-R	catcatcatcatctgcagGCCTTCCTGGTAGTGACG
CcChlase1-probe-F	TAGACACATGCATACATTGAATTTTCTTTCTCACGACTAGT AAAATATTGTCGTGT
CcChlase1-mutant-F	TAGATTTTTTCATACATTGAATTTTCTTTCTTTTTTTTAGTAA AATATTGTCGTGT
CcRCCR-probe-F	GATTAATGTTTAGGTGGGCCCACGTCTGAAGAAAAGTCAA
CcRCCR-mutant-F	GATTAATGTTTAGGTGGGCCTTTTTTTGAAGAAAAGTCAA

CcBCH2-probe-F	ATGGCAAACAATAATGTCACGTGTACTAAATTTCGAATCT
CcBCH2-mutant-F	ATGGCAAACAATAATGTTTTTTTTACTAAATTTCGAATCT
CcPAO-probe-F	CGCGACTCGTCGCTTCGTCCACGTGTGAAAACAAAAATTT
CcPAO-mutant-F	CGCGACTCGTCGCTTCGTCAAAAAATGAAAACAAAAATTT
CcNYC1-probe-F	CCCACACGCATGTGTGACACGTGTTAAAGTATATCCGTCT
CcNYC1-mutant-F	CCCACACGCATGTGTGAAAAAAATTAAAGTATATCCGTCT
CcPSY1-probe-F	CCACTCATAACTCGCCACGTGGACACCCACCCACGAGTCC
CcPSY1-mutant-F	CCACTCATAACTCGCAAAAAAGACACCCACCCACGAGTCC
CcNCED5-probe-F	CTTTCCACAAATGCACCACGTGGTCTTCTCTGAGATGTC
CcNCED5-mutant-F	CTTTCCACAAATGCACAAAAAAGTCTTCTCTGAGATGTC
CcbHLH35-YCE-F	ggcgcgccactagtggatccATGGAAAACCTCGGCGAA
CcbHLH35-YCE-R	gcggtaccctcgaggtcgacGACGCTCATGGGACTTGA
CcbHLH35-YNE-F	ggcgcgccactagtggatccATGGAAAACCTCGGCGAA
CcbHLH35-YNE-R	gcggtaccctcgaggtcgacGACGCTCATGGGACTTGA
CcbHLH92-YNE-F	ggcgcgccactagtggatccATGGATGAGTTCTTGGGAGAT
CcbHLH92-YNE-R	gcggtaccctcgaggtcgacGCCTTCCTGGTAGTGACG
CcbHLH92-YCE-F	ggcgcgccactagtggatccATGGATGAGTTCTTGGGAGAT
CcbHLH92-YCE-R	gcggtaccctcgaggtcgacGCCTTCCTGGTAGTGACG
YNE-CX-F	CTCTAGAGTTAACCGGGCTCAGGC
YNE-CX-R	AGCCGAAGGTGGTCACGAGGGT
YCE-CX-F	CTCTAGAGTTAACCGGGCTCAG
YCE-CX-R	AGTTCACCTTGATGCCGTTC
HA-CcbHLH92-F	ccatatgacgttccagattacgctATGGATGAGTTCTTGGGAG
HA-CcbHLH92-R	ccctgaagcggccgctgtacaGCCTTCCTGGTAGTGAC
MYC-CcbHLH35-F	aagaggatttgaatggctccATGGAAAACCTCGGCGAAG
MYC-CcbHLH35-R	CCGTCGTGGTCTTTGTAATCGACGCTCATGGGACTTG