

Table S2 Primers for vector construction.

Name	Forward	Reverse
Subcellular localization		
bHLH149-GFP	CCAAATCGACTCTAGTCTAGAAATGGCATCTTATTCAATCTC	GCCCTTGCTCACCATGGTACCCGACAGATCGGAGCCAAGCC
Yeast self-activation		
bHLH149-BD	TCAGAGGAGGACCTGCATATGATGGCATCTTATTCAATCTC	CCGCTGCAGGTCGACGGATCCCTACGACAGATCGGAGCCAA
Y1H		
bHLH149-AD	CGTACCAGATTACGCTCATATGATGGCATCTTATTCAATCTC	GCAGCTCGAGCTCGATGGATCCCTACGACAGATCGGAGCCAA
<i>proLCYB</i> -pHIS2	GGGCGAATTCCCGGGGAGCTCACTGCTGTAGCCTGTACTGTCA	CGGATCGATTTCGGAACGCGTAAAGAGAGAAAATCAGATGGGT
Dual-luciferase		
bHLH149-SK	GCGGCCGCTCTAGAACTAGTATGGCATCTTATTCAATCTC	TCGAATTCCTGCAGCCCGGGCTACGACAGATCGGAGCCAA
<i>proLCYB</i> -0800	TCGAATTCCTGCAGCCCGGGACTGCTGTAGCCTGTACTGTCA	GCGGCCGCTCTAGAACTAGTAAGAGAGAAAATCAGATGGGT