

Table S1 Primers used for construction of overexpression strains.

Gene	Primer	Sequence (5'-3')
<i>CMT067C</i>	T067_Fw	TTCTTCGTTTCGTTGACCCCCATGAGCGAATCTGCTGCCGC
	T067_Rv	TGCAGGTCGACTCTAGACCCGCTCAGCGAGCGTTCAAAAT
<i>CML246C</i>	L246_Fw	TTCTTCGTTTCGTTGACCCCCATGGAGGCGACACTGCGGGCG
	L246_Rv	TGCAGGTCGACTCTAGACCCTAGCATATTCTCCTGTGCAA
<i>CMR124C</i>	R124_Fw	TTCTTCGTTTCGTTGACCCCCATGGATATTTCTGGCAGTGTC
	R124_Rv	TGCAGGTCGACTCTAGACCCTGATCTGTCCAGGTCTTCAG
<i>CMT597C</i>	T597_Fw	TTCTTCGTTTCGTTGACCCCCATGGACTTATTGGCAAAAGC
	T597_Rv	TGCAGGTCGACTCTAGACCCCTTGCTGGTAGCGGTACAT
<i>CMR165C</i>	R165_Fw	TTCTTCGTTTCGTTGACCCCCATGTTACGCAGGGACGTAC
	R165_Rv	TGCAGGTCGACTCTAGACCCCAGTGCCTTGTGTTTCAGCG
<i>CML277C</i>	L277_Fw	TTCTTCGTTTCGTTGACCCCCATGACAGAGAGTGTAACCAA
(<i>HSF1</i>)	L277_Rv	TGCAGGTCGACTCTAGACCCGTCTTGCTCTGGTGTATCTT
<i>CMO347C</i>	O347_Fw	TTCTTCGTTTCGTTGACCCCCATGGTGCAGGACCCGGTAGT
(<i>MYB4</i>)	O347_Rv	TGCAGGTCGACTCTAGACCCGGTTGCAGCGAGGAGAGCGG
<i>CMS371C</i>	S371_Fw	TTCTTCGTTTCGTTGACCCCCATGGGGTCCGAAAAGCATGA
	S371_Rv	TGCAGGTCGACTCTAGACCCCGAATAGGGCATGCTCTCTT
<i>CML101C</i>	L101_Fw	TTCTTCGTTTCGTTGACCCCCATGGACCCAGGCAAGTCCAC
(<i>MYB3</i>)	L101_Rv	TGCAGGTCGACTCTAGACCCGGGAAACGGCAGCGACGATG
<i>CMK212C</i>	K212_Fw	TTCTTCGTTTCGTTGACCCCCATGGAAGACGGGGCACAGGG
(<i>BRD1</i>)	K212_Rv	TGCAGGTCGACTCTAGACCCGTATTCGTCCCATCGCTGG
<i>CML282C</i>	L282_Fw	TTCTTCGTTTCGTTGACCCCCATGGAAGGAGACCTGCACGC
	L282_Rv	TGCAGGTCGACTCTAGACCCGAGCACGGACGCAGGCTCCT
<i>CMM055C</i>	M055_Fw	TTCTTCGTTTCGTTGACCCCCATGAACGCTGCGGTTCTTCG
	M055_Rv	TGCAGGTCGACTCTAGACCCCTTTGAGGCGTTTCGCAGCTT
<i>CMB028C</i>	B028_Fw	TTCTTCGTTTCGTTGACCCCCATGCAGCGTGTGATGGCGC
	B028_Rv	TGCAGGTCGACTCTAGACCCAACCTGCGGTCTGAGCATAG
<i>CMR472C</i>	R472_Fw	TTCTTCGTTTCGTTGACCCCCATGAGCGAAGACTCACGCAC
	R472_Rv	TGCAGGTCGACTCTAGACCCTTTGGGGCGAGCTCGCACGT
<i>CMJ021C</i>	J021_Fw	TTCTTCGTTTCGTTGACCCCCATGATCCGTGATCCATACCGA
(<i>LPAT1</i>)	J021_Rv	TGCAGGTCGACTCTAGACCCTGATCCGCAGTTTGGATCGCA