

**Supplementary Table S4.** Real-time and bisulfite PCR primers used in this study.

Gene	AGI ID	Name	5' to 3'	Method
<i>ACTIN2</i>	<i>At3g18780</i>	ACT2qF	TCCACGAGACAACCTATAACTCAATCA	RT-qPCR
		ACT2qR	TGCAAGTGCTGTGATTTCTTTGCTCAT	
<i>AGO4</i>	<i>At2g27040</i>	AGO4qF	GAAGCACCAGTGCCATTTCTGTT	RT-qPCR
		AGO4qR	GAGATTGGTCCTGGAGCTGTGATA	
<i>CMT3</i>	<i>At1g69770</i>	CMT3qF	GAAATTGTCCCCACTGTTGTCACA	RT-qPCR
		CMT3qR	CTGGAAAGCTGTTCCCAAAGCATAT	
<i>DDM1</i>	<i>At5g66750</i>	DDMex16F	TCC CTG AAC AGT TAG GAC ACA TT	RT-qPCR
		DDM1RT	AAA AAC TTC CGA GCC CTC TAA TA	
<i>DRD1</i>	<i>At2g16390</i>	DRD1qF	CCGTGTCTGCGGAGTTATTGAGA	RT-qPCR
		DRD1qR	TCCCTCAATTTGATGAGGCTTCATTTTC	
<i>EIA4A1</i>	<i>At3g13920</i>	EIF4A-F	ATCCAAGTTGGTGTGTTCTCC	RT-qPCR
		EIF4A-R	GAGTGTCTCGAGCTTCCACTC	
<i>LINE1-4</i>	<i>At2g01840</i>	LINE1-4-F	CCCATGGTGACCAAGAGTTT	RT-qPCR
		LINE1-4-R	TCAATGTCCGGAGACCTCCTC	
		bs_AtLINE1-4_F	TTTATAAAAAAATAGAGGATAAYAAAAAG	
bs_AtLINE1-4_R	RAAACCAACCAAACCCCAARTTC			
<i>MET1</i>	<i>At5g49160</i>	MET1qF	CTGAACAGCACAGAATCCTTACAGT	RT-qPCR
		MET1qR	AATGCCAAATTTGGGTGGTTATCTAG	
<i>MULE2</i>	<i>At2g15810</i>	MULE2-F	CTGTCCGCGAGTGTCATCAAGTAGC	RT-qPCR
		MULE2-R	GATACTTGTGACAAAGTGTTAGCAAGCC	
		bs_MULE2_F	GATTAGTAGTGGTAAAYAAAYTATAA	
bs_MULE2_R	CTAAAAAAACCCAACTATTTTTTATTT			
<i>RDR2</i>	<i>At4g11130</i>	RDR2qF	TCTAATGGATCATGACGTCACGTTAG	RT-qPCR
		RDR2qR	GAAGATTTGCTAACTCTAGACACTTCT	
<i>Ta3</i>	<i>At1g37110</i>	Ta3-F	GTAGCCCAGAGATCTGCAGTTGTAGCATA	RT-qPCR
		Ta3-R	TTCAGGTAATAAAGAAGTACCAGATCCTG	
<i>TS-GUS</i>	transgene	qPCR-GUS-F	TTAACTATGCCGGAATCCATCGC	RT-qPCR
		qPCR-GUS-R	CACCACCTGCCAGTCAACAGACGC	
<i>TSI</i>	multicopy	TSI-F	CTCTACCCTTTGCATTCATGAATCCTT	RT-qPCR
		TSI-R	GATGGGCCAAAAGCCCTCGGTTTTAAATG	