

Supplementary information, Table S1 List of DNA oligos used in this study.	
Primers for Bisulfite sequencing	
GTAAAATGATTATATGATGGGTTAATAGATATGGATT	RD29A-Bi-F
TATCTCTTCATAACCTTATACAATTACTCTCCA	RD29A-trans-Bi-R
TTTCTAAAATTTAAAATCTACCTAAAATACTACTAA	RD29A-endo-Bi-R
AAAGTGGTTGTAGTTTATGAAAGGTTTAT	MEA-ISR-Bi-F
CTTAAAAAATTTTCAACTCATTTTTTTTAAAAAA	MEA-ISR-Bi-R
TTATAAATATAAAATTGTAAAGTAAATTAATAAATT	soloLTR-Bi-F
TCTTCAAAAAAATAAAACTATATATCTCAATTAT	soloLTR-Bi-R
Primers for PCR based methylation , RT-PCR, Probe amplification	
GTGGATATACCAAAAACACAA	AtMu1-F, McrBC, Probe amplification
CTTAGCCTTCTTTTCAATCTCA	AtMu1-R, McrBC, Probe amplification
ACAGTGCCACAGTTGAGCAG	AtGP1-F, RT-PCR, Small RNA probe amplification
CAGAAAAATACTCGGTGCCAAT	AtGP1-R, RT-PCR, Small RNA probe amplification
GGTGAATTAAGAGGAGAGAGGAGG	RD29A-promoter-F, small RNA probe amplification
GTGGTGGTTCCTCTGTTTGATCCATTTTCC	RD29A-promoter-R, small RNA probe amplification
GGATGCGATCATAACAG	5S rDNA-F, Southern probe amplification
GAGGGATGCAMCACSAG	5S rDNA-R, Southern probe amplification
TCCCGAGAAGAGTAGAACAAATGCTAAAA	IGN5_B-F, RT-PCR
CTGAGGTATTCCATAGCCCCTGATCC	IGN5_B-R, RT-PCR
aactaacgtcattacatacacatcttg	soloLTR-F1, RT-PCR for transcript A
aattagatcttggtccagcta	soloLTR-R1, RT-PCR for transcript A
catataaccgaagccgaaggatgtgaaa	soloLTR B A217, RT-PCR for transcript B
cagaaacctaaggaaccattacagcgtaaacc	soloLTR B A218, RT-PCR for transcript B
ACCAACGTGCTGTTGGCCAGTGGTAAATC	AtSN1 A-F, RT-PCR for transcript A, HaeIII PCR
AAAATAAGTGGTGGTTGTACAAGC	AtSN1 A-R, RT-PCR for transcript A, HaeIII PCR
TGAGAGATTTACCACTGGGCCAACA	AtSN1 B-F, RT-PCR for transcript B
TGAGGAGCTCAACACATAAATGGCAATA	AtSN1 B-R, RT-PCR for transcript B
ATGAGCAATGTGACTACCAG	ROS1-F, RT-PCR
TCAAAGTTACTGCTCGGTAC	ROS1-R, RT-PCR
Primers for real-time PCR	
CCTGTCGTGTCTTCCGATTACAC	RD29A-Q-F
GACAATTCGGACAGAGGATGATG	RD29A-Q-R
GGAGAGCAACTGCATAAGGCTATG	LUC-Q-F
GACGATTCTGTGATTTGTATTACGC	LUC-Q-R
CAAGCTCTCAGCAATATCACGG	NPTII-Q-F
GATGCCTGCTTGCCGAATATC	NPTII-Q-R
GCGATTCTCCGTTACAGCTTG	TUB4-Q-F
CAAAGACGAAGTTATCAGGACGG	TUB4-Q-R
Small RNA probes	
ACCAACGTGTTGTTGGCCAGTGGTAAATCTCTCAGATAGAGG	AtSN1 siRNA probe
ATGCCAAGTTTGGCCTCACGGTCT	siRNA1003 probe
GTTGACCAGTCCGCCAGCCGAT	siRNA02, LNA probe
AAGATCAAACATCAGCAGCGTCAGAGGCTT	Cluster4 siRNA, LNA probe
TACGCTATGTTGACTTAGAA	ta-siRNA255 probe
GATATTGGCGCGGCTCAATCA	microRNA171 probe
Primers for genomic <i>DTF1</i> sequence amplification and cloning	
actggtatcGATGGCCCATGTGAAAATGAAG	DTF1-BamHI-F
actctgcagGATATGTATCGAGAAAGCATTATTGAA	DTF1-PstI-R