

Table S4 The qRT-PCR primers for miRNAs and their potential target genes in sugarcane

Group ID	MiRNA/target	Gene ID	Forward primer	Reverse primer
1	<i>P5CS</i>	sample Cluster-9046.62773	ACGGACAGTCTGCTTGACAG	TCGTGTCGTTGGTGAGACTG
2	<i>acnA</i>	sample Cluster-1234.10611	TGGCTGCCCCATGAAAGTCAA	GTCGGGTTCAAGGGTTTTGC
3	<i>SPX</i>	sample Cluster-9046.203583	GCGCTCAACTACACTGGACT	TCGCTGTCGCTGTCTTCTTT
4	<i>GS</i>	sample Cluster-9046.93347	GTGGCCGTCTGTTCCCATAA	GCAAAGACCCCAACAAGCTG
5	<i>AUX/IAA</i>	sample Cluster-9046.46359	TGACGAAGTTGATGGGAGGC	CCCACGGAACATCTCCAACA
6	<i>TIR1</i>	sample Cluster-82409.0	CGAAGGGATGCTCCACCTTT	GGTATCCCAGTGCAACACCA
7	<i>ACO1</i>	sample Cluster-9046.137637	GGAGAGCACCTTCTTCGTCC	GATGCGAACTGCTTCGTCAC
8	<i>NiFU</i>	sample Cluster-9046.167793	AGCGATGGACTCAACTGCAA	GCTACAAGGAGCATGTGGGT
9	<i>ARF</i>	sample Cluster-9046.156023	CTGGGCCTCAAGGCCAAATA	TGACCAAGTGAACCGACCAC
10	<i>SPL1</i>	sample Cluster-9046.200116	GTAGCCGATGGGGACAACAA	CGTCAACCTGACAAGACGGA
11	<i>GRF</i>	sample Cluster-9046.236180	GGCGTTTCAATGTGGGAGTA	CGAGGGGCTTCACCATTGAT
12	<i>AGO</i>	sample Cluster-9046.39783	CACAATGTACGCAGCACAA	AATTCGTGGTCACCTTGCCT
13	<i>PC</i>	sample Cluster-9046.239128	GAAGATGGGGACGACGAAGG	GTTAGGCTATCTCCCGGTGC
14	<i>GADPH</i>		CACGGCCACTGGAAGCA	TCCTCAGGGTTCCTGATGCC
15	<i>miR168a</i>		ACACTCCAGCTGGGTCGCTTGGTGACAGAT	TGGTGTCGTGGAGTCG
16	<i>novel-158</i>		ACACTCCAGCTGGGAGGGATGGTATGCAC	TGGTGTCGTGGAGTCG
17	<i>novel-57</i>		ACACTCCAGCTGGGTACAACCGGCTTAGAC	TGGTGTCGTGGAGTCG
18	<i>miR393</i>		ACACTCCAGCTGGGCTCCAAAGGGATCGC	TGGTGTCGTGGAGTCG
19	<i>novel-215</i>		ACACTCCAGCTGGGACTCTGTAGTACGTAGTA	TGGTGTCGTGGAGTCG
20	<i>miR408a</i>		ACACTCCAGCTGGGCTGCACTGCCTCTTC	TGGTGTCGTGGAGTCG
21	<i>miR396</i>		ACACTCCAGCTGGGTCCACAGGCTTTCTT	TGGTGTCGTGGAGTCG
22	<i>miR156</i>		ACACTCCAGCTGGGTGACAGAAGAGAGT	TGGTGTCGTGGAGTCG
23	<i>miR167</i>		ACACTCCAGCTGGGTGAAGCTGCCAGCAT	TGGTGTCGTGGAGTCG
24	<i>miR408e</i>		ACACTCCAGCTGGGCTGCACTGACTCTTC	TGGTGTCGTGGAGTCG

