Supplemental Table 2. Rubber tree miRNA*s from conserved miRNA loci.

miRNA_ID	Mature miRNA	Length	Read frequency (in TPM*)				Conservation in		
			217_m&	217_y&	260_m&	260_y&	Dicot	Monocot	Other#
miR156*	UGCUCACCUCUCUUUCUGUCAGU	23	18.4	1.2	1.2	0	+		
miR157*	GCUCUCUAUGCUUCUGUCAUC	21	19.8	6.1	13.7	0.6	+		
miR159*	GAGCUCCUUGAAGUCCAAUAG	21	9.1	4.3	3.6	12.1	+		
miR160*	GCGUAUGAGGAGCCAUGCAUA	21	0.6	0.3	0.4	0.6	+		
miR162*	UGGAGGCAGCGGUUCAUCGAUC	22	0.5	0.4	0.2	0	+		
miR164*	CAUGUGCCCGUCUUCCCCAUC	21	1.6	0.4	1.9	0.6	+	+	
	CAUGUGCCCCUCUUCCCCAUC	21	1.9	1.2	1	3.1	+	+	
miR165*	GAAUGUUGUCUGGUUCGAUG	20	0.1	0	0.4	0.7	+		
miR166*	GGAAUGUUGUCUGGCUCGAGG	21	268.2	39.1	176	233.3	+	+	
	GAAUGUUGUCUGGCUCGAGGA	21	7.8	5.5	12	56.8	+	+	
miR167*	GGUCAUGCUCUGACAGCCUCACU	23	0.3	0.3	0.2	0.1	+		
	AGGUCAUCUUGCAGCUUCAAU	21	1.1	0.9	0.8	0.6	+		
miR168*	CCCGCCUUGCAUCAACUGAAUU	22	1.1	0.4	1.4	4.3	+		
	CCCGCCUUGCAUCAACUGAAU	21	5	3.9	3	24.8	+		
miR170*/miR171*	UAUUGGCCUGGUUCACUCAGA	21	7.5	14.1	5	1721.5	+		
miR172*	GUAGCAUCAUCAAGAUUCACA	21	0.2	0	0	2	+		
	GUAGCACCAUCAAGAUUCACA	21	0.3	0.9	0.2	1.8	+		
	GUAGCACCAUCAAGAUUCAC	20	0.9	0.5	0.7	3.3	+		
miR390*	CGCUAUCCAUCCUGAGUUUCA	21	0.9	0	0.7	10.6	+		
	CGCUAUCCAUCCUGAGUUUAA	21	0.4	0	0.2	1.4	+		
	CGCUAUCCAUCCUGAGUUUA	20	0.1	0.5	0.2	0.6	+		
miR393*	AUCAUGCUAUCCCUUUGGAUU	21	1.2	0.5	0.8	1.9	+		
miR395*	GUUCCCCUGAGCACUUCAUU	20	0	0	0.4	0.8	+		
miR396*	UUCAAUAAAGCUGUGGGAAG	20	239.1	258.2	214.9	181.4	+		
	GUUCAAUAAAGCUGUGGGAAG	21	315.8	430.4	239.4	1745.6	+		
	GCUCAAGAAAGCUGUGGGAGA	21	40.9	33.7	31.1	1486.1	+		
	CUCAAGAAAGCUGUGGGAGA	20	267.8	322.6	144.7	892.1	+		
miR398*	GGGUUGAUAUGAGAACACACG	21	0	1.8	0	0	+		
miR447*	UGAGGUCUUUGGGGAGAGUGG	21	0.9	0.2	0.9	0.6	+		
miR482*	GGAAUGGGCUGAUUGGGAAGU	21	13.9	1	0.6	0.3	+		
	GGAAUGGGCUGAUUGGGAAGC	21	60.3	0.4	2.3	0.3	+		
miR1510*	UGGGAGGUAUUGGUAAGACAA	21	0.3	0.3	0.4	0	+		

miR3623*	UGGUGUUUGGAUGAGCUUGUGA	22	1.5	1.9	3	1.6	+		
miR3630*	UUUGGGAAUCUCUCUGAUGCUG	22	0.1	0.3	0	0.3	+		
miR3633*	GUUCCCAUGCCACCCAUUUCUA	22	0.4	0	0.2	4	+		

* TPM: transcripts per million

[&] m: mature leaves; y: young leaves; 217 and 260 represent two rubber tree clones.

"Other" includes all non seed plants for which miRNAs are known.