

Supplementary data S1

Table S1. Mature miRNA sequences found in guava fruit

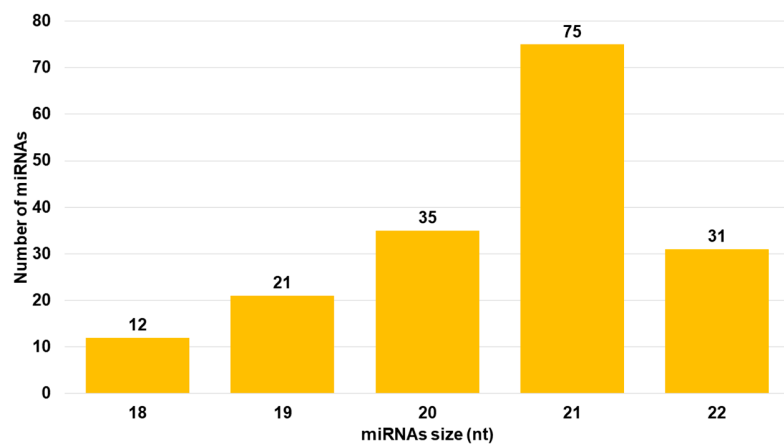
miRNA	Sequence	Length	Match Type
MIR10219	GAGGTTGTTTGGCTTGAGC	19	M 3' sub
MIR156a	TTGACAGAAGATAGAGAGCACT	22	M 5' super
MIR156a//MIR156b//MIR156c	TTGACAGAAGATAGAGAGCAC	21	M 5'
MIR159	TTTGGATTGAAGGGAGCTCTA	21	M 3'
	TTTTGGATTGAAGGGAGCTCT	21	M 3' sub/super
	TTTTTGGATTGAAGGGAGCTC	21	M 3' sub/super
	TTGGATTGAAGGGAGCTCTA	20	M 3' sub
	TTTGGATTGAAGGGAGCTCTAT	22	M 3' super
	TTTTGGATTGAAGGGAGCTCTA	22	M 3' super
	TGGATTGAAGGGAGCTCTA	19	M 3' sub
	AGCTGCTGGTCTATGGATCCC	21	M 5'
	AGCTGCTGGTCTATGGATC	19	M 5' sub
	CTTGCAATATGCCAGGAGCTTC	21	M 3'
	TTTTGGATTGAAGGGAGCTC	20	M 3' sub/super
	AGCTGCTGGTCTATGGATCC	20	M 5' sub
	TTTTTGGATTGAAGGGAGCTCT	22	M 3' sub/super
	TTGCATATGCCAGGAGCTTC	20	M 3' sub
	TGAGCTGCTGGTCTATGGATC	21	M 5' sub/super
MIR159a	TTTGGATTGAAGGGAGCTCTAC	22	M 3' super
MIR159b	TTTGGATTGAAGGGAGCTCT	20	M 5' sub
	TTTGGATTGAAGGGAGCTCTT	21	M 3'
	TTTGGATTGAAGGGAGCTC	19	M 5' sub
	TTTGGATTGAAGGGAGCT	18	M 5' sub
	TTTGGATTGAAGGGAGCTCTC	21	M 3'
	TTTGGATTGAAGGGAGCTCTG	21	M 5'
	TTGGATTGAAGGGAGCTCT	19	M 5' sub
	ATTGGATTGAAGGGAGCTCT	20	M 3' sub
	TTTGGATTGAAGGGAGCTCTTC	22	M 3' super
	TTGGATTGAAGGGAGCTC	18	M 5' sub
	TTTGGATTGAAGGGAGCTCTCT	22	M 3' super
	TGGATTGAAGGGAGCTCT	18	M 5' sub
MIR159c	TTTGGATTGAAGGGAGCTCC	20	M 3' sub
MIR160c	TGCCTGGCTCCCTGTATGCT	20	M 5' sub
MIR162	TCGATAAACCTCTGCATCCAG	21	M 3'
MIR164a//MIR164b	TGGAGAAGCAGGGACAGTGCA	21	M 5'
MIR165a	TCGGACCAGGCTTCATCCCCC	22	M 3' super
MIR165a//MIR165b	TCGGACCAGGCTTCATCCCCC	21	M 3'

	TCGGACCAGGCTTCATCCCC	20	M 3'
	TCGGACCAGGCTTCATCCC	19	M 3' sub
	TCGGACCAGGCTTCATCC	18	M 3' sub
MIR166	GGAATGTTGTCTGGCTCGAGG	21	M 5'
	TCGGACCAGGCTTCATTCCCC	22	M 5'
	TTCGGACCAGGCTTCATTCC	20	M 3' sub
	TTTCGGACCAGGCTTCATTCC	21	M 3' sub
	GGAATGTTGTCTGGCTCGAGGC	22	M 5' super
	ATTTTCGGACCAGGCTTCATTCC	21	M 3' sub
	GGAATGTTGTCTGGCTCGAG	20	M 5' sub
	CGGACCAGGCTTCATTCCCC	21	M 5' sub
	GGGAATGTTGTCTGGCTCGAGG	22	M 5' super
	GAATGTTGTCTGGCTCGAGGC	21	M 5' sub/super
	GGGAATGTTGTCTGGCTCGAG	21	M 5' sub/super
	CTCGGACCAGGCTTCATTCCCC	22	M 3' super
	CTTCGGACCAGGCTTCATTCC	21	M 3' sub/super
	TTCGGACCAGGCTTCATTCCCC	22	M 3' super
	CCTCGGACCAGGCTTCATTCC	21	M 3' super
MIR166a	CTTCGGACCAGGCTTCATTCC	21	M 3' sub/super
	TTCGGACCAGGCTTCATTCCCC	22	M 3' super
MIR166b	TCTCGGACCAGGCTTCATTCT	21	M 3'
	TCTCGGACCAGGCTTCATTCT	21	M 3'
MIR166c	GGAATGTTGTCTGGTTCGAGA	21	M 5' sub/super
	GGAATGTTGTCTGGTTCAAGG	21	M 5'
	GGAATGTTGTCTGGTCCGAGA	21	M 5' super
	TCGGACCAGGCTTCATTCTC	21	M 3'
MIR166d	TATCGGACCAGGCTTCATTCC	21	M 3' sub/super
	ATCGGACCAGGCTTCATTCC	20	M 3' sub/super
MIR166e	TCTCGGACCAGGCTTCATTCCC	22	M 3' super
	TCTCGAACCAGGCTTCATTCC	21	M 3' sub/super
	CTCGGACCAGGCTTCATTCCC	21	M 3'
	TCGAACCAGGCTTCATTCCCC	21	M 3'
MIR166f	TCTCGGACCAGGCTTCATTCC	21	M 3'
	TCTCGGACCAGGCTTCATCCC	21	M 3' sub/super
	TCTCGGACCAGGCTTCATT	19	M 3' sub
	TCTCGGACCAGGCTTCATCC	20	M 3' sub/super
	CTCTCGGACCAGGCTTCATTCC	22	M 3' sub/super
	TCTCGGACCAGGCTTCATTCT	22	M 3' super
MIR166h	TCTCGGACCAGGCTTCAATCC	21	M 3' sub/super
MIR166i	TTGGACCAGGCTTCATTCCCC	21	M 3'
	TCTCGGATCAGGCTTCATTCC	21	M 3' sub/super
	TTGGACCAGGCTTCATTCC	19	M 3' sub
	TCGGACCAGGCTTCATTCTC	20	M 3'

MIR166i/MIR166k	TCTTGGACCAGGCTTCATTCC	21	M 3'
MIR166m	GCGGACCAGGCTTCATTCCCC	21	M 3' super
MIR166p	TTCGGACCAGGCTTCATTCCC	21	M 3' super
	TCTCGGACCAGGCTCCATTCC	21	M 3' sub/super
MIR166u	TCTCGGACCAGGCTTCATTCC	20	M 3'
MIR167a	TGAAGCTGCCAGCATGATCTA	21	M 5'
	TGAAGCTGCCAGCATGATCTGA	22	M 5'
	TGAAGCTGCCAGCATGATCTC	21	M 5'
	AAGCTGCCAGCATGATCTA	19	M 5' sub
MIR167b	TGAAGCTGCCAGCATGATCTGG	22	M 5'
MIR167b/MIR167f	AAGCTGCCAGCATGATCTAG	20	M 5' sub/super
MIR167c	TGAAGCTGCCAGCGTGATCTCA	22	M 5'
	TGAAGCTGCCAGCATGATCTT	21	M 5'
MIR167f	TGAAGCTGCCAGCATGATCTGC	22	M 5'
MIR168	TCGCTTGGTGCAGGTCGGGA	20	M 5'
	CGCTTGGTGCAGGTCGGGAAC	21	M 5' sub
	TCGCTTGGTGCAGGTCGGGAAC	22	M 5'
	TCGCTTGGTGCAGATCGGGAC	21	M 5'
MIR168a/MIR168b	TCGCTTGGTGCAGGTCGGGAC	21	M 5'
	TCGCTTGGTGCAGGTCGGGAA	21	M 5'
	CGCTTGGTGCAGGTCGGGAC	20	M 5' sub
	TCGCTTGGTGCAGGTCGGGACC	22	M 5' super
	GCTTGGTGCAGGTCGGGAC	19	M 5' sub
	CGCTTGGTGCAGGTCGGGACC	21	M 5' sub/super
	CTTGGTGCAGGTCGGGAC	18	M 5' sub
MIR168b	TCGCTTGGTGCAGGTCGGGTC	21	M 5'
MIR169a	CAGCCAAGGATGACTTGCCGG	21	M 5'
MIR169g	AAGCCAAGGATGAATTGCCGG	21	M 5'
MIR171f	TATTGGCCTGGTTCACTCAGA	21	M 5'
MIR2111	TAATCTGCATCCTGAGGTTTG	21	M 5'
MIR319	ATTGGACTGAAGGGAGCTCC	20	M 3'
MIR319a/MIR319b/MIR319c	TTGGACTGAAGGGAGCTCC	19	M 3' sub
	TTGGACTGAAGGGAGCTC	18	M 3' sub
MIR319a/MIR319c	TTGGACTGAAGGGAGCTCCC	20	M 3'
MIR319b	TTGGACTGAAGGGAGCTCCT	20	M 3'
	TGGACTGAAGGGAGCTCCC	19	M 3' sub
MIR319c	TTGGACTGAAGGGAGCTCCTT	21	M 3'
	TGGACTGAAGGGAGCTCCTT	20	M 3' sub
	TTGGACTGAAGGGAGCTCCTC	21	M 3' super
	TGGACTGAAGGGAGCTCCT	19	M 3' sub
	TGGACTGAAGGGAGCTCCTTT	21	M 3' sub/super

	<u>TGGA</u> CTGAAGGGAGCTCCTC	20	M 3' sub/super
	CTTGGACTGAAGGGAGCTCCTT	22	M 3' super
MIR319q	TGGACTGAAGGGAGCTCCTTC	21	M 3'
MIR393	<u>TCCAAAGGGATCGCATTGATCC</u>	22	M 5'
	<u>TCCAAAGGGATCGCATTGAT</u>	20	M 5' sub
MIR393a	<u>TCCAAAGGGATCGCATTGATT</u>	21	M 5' sub
MIR393a//MIR393b	<u>TCCAAAGGGATCGCATTGATC</u>	21	M 5'
MIR393b	<u>ATCATGCGATCCCTTCGGAAT</u>	21	M 3' sub/super
MIR393c//MIR393d	<u>TCCAAAGGGATCGCATTGATCT</u>	22	M 5'
MIR394	<u>TTGGCATTCTGTCCACCTCC</u>	20	M 5'
MIR395	<u>ATGAAGTGTTTGGGGGAACTC</u>	21	M 3'
	<u>ATGAAGTGTTTGGGGGAACT</u>	20	M 3' sub
MIR395a	<u>TGAAGTGTTTGGGGGAACTCC</u>	21	M 5' sub
MIR396	<u>AAGCTCAAGAAAGCTGTGGGA</u>	21	M 3'
MIR396b	<u>TTCCACAGCTTTCTTGA</u> ACTT	21	M 5'
	<u>TTCAAGCTAGCTGTGGGAAG</u>	20	M 3' sub
	<u>GTTCAAGCTAGCTGTGGGAAG</u>	21	M 3'
	<u>TTCCACAGCTTTCTTGA</u> ACTG	21	M 5'
	<u>TTCCACAGCTTTCTTGA</u> ACTTT	22	M 5' super
MIR397a	<u>TCATTGAGTGCAGCGTTGATG</u>	21	M 5'
	<u>TCATTGAGTGCAGCGTTGAT</u>	20	M 5'
	<u>CATTGAGTGCAGCGTTGATGA</u>	21	M 5' sub/super
	<u>TCATTGAGTGCAGCGTTGA</u>	19	M 5' sub
	<u>TCATTGAGTGCAGCGTTGATGA</u>	22	M 5' super
MIR398a	<u>TGTGTTCTCAGGTCGCCCC</u> TG	21	M 3'
	<u>TGTGTTCTCAGGTCGCCCC</u>	18	M 3' sub
	<u>TGTGTTCTCAGGTCGCCCC</u> T	20	M 3' sub
MIR399e	<u>CGCCAAAGGAGAGTTGCC</u> CTC	21	M 3'
MIR482a	<u>TCTTGCCAATACCACCCATGCC</u>	22	M 3'
	<u>TCTTGCCAATACCACCCATGC</u>	21	M 3' sub
MIR482b	<u>GGAATGGGCGGTTTGGGAAA</u>	20	M 5' sub/super
	<u>GGAATGGGCGGTTTGGGAA</u>	19	M 5' sub/super
	<u>TTTCTATTCTCCCAT</u> TCCAT	22	M 3'
	<u>AATGGGCGGTTTGGGAAA</u>	18	M 5' sub
	<u>GAATGGGCGGTTTGGGAAA</u>	19	M 5' sub
	<u>GAATGGGCGGTTTGGGAA</u>	18	M 5' sub
MIR482c	<u>TTCCCAAGGCCGCCCAT</u> TCCGA	22	M 3'
	<u>TTCCCAAGGCCGCCCAT</u> TCC	20	M 3' sub
	<u>CCCAAGGCCGCCCAT</u> TCCGAC	21	M 3' sub/super
	<u>TTCCCAAGGCCGCCCAT</u> TC	19	M 3' sub
	<u>TCCCAAGGCCGCCCAT</u> TCCGAC	22	M 3' sub/super

MIR5139	<u>AACCTGGCTCTGATACCA</u>	18	M 5' sub
	AAACCTGGCTCTGATACCA	19	M 5'
MIR5139a	GAAACCTGGCTCTGATACCA	20	M 5'
MIR535a/MIR535b	TGACAACGAGAGAGAGCACGC	21	M 5'
MIR535d	<u>TGACGACGAGAGAGAGCACGC</u>	21	M 5'
	TGACGACGAGAGAGAGCACG	20	M 5' sub
MIR6300	<u>GTCGTTGTAGTATAGTGG</u>	18	M 3'
	GTCGTTGTAGTATAGTGGA	20	M 3' super
MIR6478	<u>CCGACCTTAGCTCAGTTGG</u>	19	M 5' sub
	CCGACCTTAGCTCAGTTGGT	20	M 5' sub
MIR8155	TAACCTGGCTCTGATACCA	19	M 3'
MIR858a	<u>TTCGTTGTCTGTTGACCT</u>	18	M 5' sub
	TTCGTTGTCTGTTGACCT	19	M 5' sub
	TTCGTTGTCTGTTGACCTTG	21	M 5' sub/super



Supplementary Figure S1. Frequency distribution of sizes of miRNAs found in guava fruit.