Supplementary Table S1. Identification of known miRNAs.

Gene ID	Length(nt)	Mature Sequence	BC25T Count	BC15T Count
miR156	21	CTGACAGAAGAGAGTGAGCAC	95	39
miR156a	21	TGACAGAAGAGAGTGAGCACA	33	20
miR156a-5p	20	TGACAGAAGAGAGTGAGCAC	1405	1328
miR156b_2	21	TGACAGAAGAGAGTGAGCATA	24	16
miR156b-3p_7	22	GCTCACTTCTCTCTCTGTCACC	1	0
miR156c-3p_2	22	GCTCACTTCTCTCTCTGTCAGC	0	8
miR156f-3p_1	22	GCTCACTTCTCTTTCTGTCAGC	40	106
miR156f-3p_2	22	GCTCACTGCTCTATCTGTCAGC	154	218
miR156f-5p	20	CTGACAGAAGAGAGTGAGCA	16	10
miR156k_1	20	TGACAGAAGAGAGGGAGCAC	0	1
miR156q	21	TGACAGAAGAGAGTGAGCACT	3	4
miR159a_1	21	TTTGGATTGAAGGGAGCTCTA	43787	58067
miR160	21	TGGCATACAGGGAGCCAGGCA	1243	1500
miR160b_1	20	TGCCTGGCTCCCTGTATGCC	36	89
miR160f-5p	21	TGCCTGGCTCCCTGAATGCCA	7	4
miR162_1	21	TCGATAAACCTCTGCATCCGG	281	179
miR164a_2	21	TGGAGAAGCAGGGCACTTGCT	1	1
miR164a_4	21	TGGAGAAGCAGGGCACGTGCA	12307	5689
miR164b	20	TGGAGAAGCAGGGCACGTGC	191	105
miR166	22	TCGGACCAGGCTTCATTCCCCC	203	247
miR166a	19	TCGGACCAGGCTTCATTCC	843	646
miR166a-3p	21	TCGGACCAGGCTTCATTCCCC	221925	384731
miR166d-5p_2	21	GGAATGTTGTCTGGCTCGAGG	8749	5472
miR166e	19	GGACCAGGCTTCATTCCCC	491	418
miR166e-3p	21	CTCGGACCAGGCTTCATTCCC	365	667
miR166g-3p	21	TCGGACCAGGCTTCATTCCTC	61121	79601
miR166h-3p	20	TCGGACCAGGCTTCATTCCC	36	138
miR166h-3p_1	21	TCTCGGACCAGGCTTCATTCC	3859	5317

miR166k	20	TCGGACCAGGCTTCATTCCT	1388	1825
miR166m_2	20	CGGACCAGGCTTCATTCCCC	1583	985
miR167a_1	21	TCAGATCATCTTGCAGCTTCA	13025	18990
miR167a_2	22	TGAAGCTGCCAGCATGATCTGA	0	1
miR167a-5p	21	TGAAGCTGCCAGCATGATCTA	176	690
miR167b-3p_3	23	GGTCATGCTCTGACAGCCTCACT	20	43
miR167d_1	20	TGAAGCTGCCAGCATGATCT	36	225
miR167d-5p	21	TGAAGCTGCCAGCATGATCTG	203	66
miR168	20	TCGCTTGGTGCAGGTCGGGA	844	1005
miR168-5p	22	TCGCTTGGTGCAGGTCGGGAAC	114	132
miR168a-3p_1	21	CCTGCCTTGCATCAACTGAAT	460	1786
miR168a-5p	21	TCGCTTGGTGCAGGTCGGGAA	19723	33949
miR168b_1	19	TCGCTTGGTGCAGGTCGGG	209	92
miR169a-5p	21	CAGCCAAGGATGACTTGCCGA	390	372
miR169b-5p	21	CAGCCAAGGATGACTTGCCGG	22	10
miR169e_2	21	TAGCCAAGGATGACTTGCCGG	28	727
miR169e_3	20	AGCCAAGGATGACTTGCCGG	83	4
miR169m	20	TAGCCAAGGATGACTTGCCG	878	39
miR169v_1	19	CAGCCAAGGATGACTTGCC	4	58
miR171_2	21	TTGAGCCGCGTCAATATCTCC	1216	2212
miR171a_3	20	TGATTGAGCCGTGCCAATAT	0	1
miR171a-3p_1	20	TGATTGAGCCGCGCCAATAT	44	112
miR171b_1	21	TTGAGCCGCGCCAATATCACA	8949	1622
miR171b_2	21	TGATTGAGCCGTGCCAATATC	63	11626
miR171b-3p	20	TTGAGCCGTGCCAATATCAC	0	43
miR171b-3p_3	21	TTGAGCCGTGCCAATATCACG	14200	33672
miR171d_1	20	TTGAGCCGCGCCAATATCAC	22	4
miR171i-5p	21	AGGTATTGGCGTGCCTCAATC	5	18
miR171l-5p	21	TATTGGCGTGCCTCAATCCGA	9	12
miR172a_3	21	AGAATCTTGATGATGCTGCAT	4	2
miR319_1	19	TTGGACTGAAGGGAGCTCC	178	324
miR319a	20	CTTGGACTGAAGGGAGCTCC	215	68

miR319a_1	21	TTGGACTGAAGGGAGCTCCCT	282	260
miR319a-3p	20	TTGGACTGAAGGGAGCTCCC	257	173
miR319a-5p_1	21	AGAGCTTCCTTCAGTCCACTC	0	3
miR319a-5p_4	20	GAGCTCTCTTCAGTCCACTC	9612	18090
miR319b-5p_1	21	AGAGCTCTCTTCAGTCCACTC	19	69
miR319c_1	20	TTGGACTGAAGGGAGCTCCT	15	22
miR319c_2	21	CTTGGACTGAAGGGAGCTCCC	55	349
miR319e_1	21	TTTGGACTGAAGGGAGCTCCT	49	264
miR319p	21	TTTTGGACTGAAGGGAGCTCC	3	9
miR393a-5p	22	TCCAAAGGGATCGCATTGATCC	1	16
miR394a_1	20	TTGGCATTCTGTCCACCTCC	45	62
miR395i	21	CTGAAGTGTTTGGAGGAACTC	39	18
miR395p-3p	20	TGAAGTGTTTGGAGGAACTC	41	1
miR396e-5p	20	TTCCACGGCTTTCTTGAACT	1175	3397
miR396f_1	21	TTCCACGGCTTTCTTGAACTG	32538	35050
miR408-3p_2	21	ATGCACTGCCTCTTCCCTGGC	0	1
miR408b_1	21	TGCACTGCCTCTTCCCTGGCT	1	7
miR408d	20	TGCACTGCCTCTTCCCTGGC	0	3
miR4995	21	AGGCAGTGGCTTGGTTAAGGG	234	238
miR5083	20	AGACTACAATTATCTGATCA	0	4
miR5139	19	AAACCTGGCTCTGATACCA	81	73
miR5179	21	TTTTGCTCAAGACCGCGCAAC	6185	13822
miR529-3p	21	GCTGTACCCTCTCTCTTCTTC	540	390
miR529a	20	CTGTACCCTCTCTCTTCTTC	7	6
miR5368	19	GGACAGTCTCAGGTAGACA	1	2
miR6173	20	AGCCGTAAACGATGGATACT	116	103
miR845	21	TGCTCTGATACCAATTGTTGG	49	28