

Genome-wide identification of miRNAs in pigeonpea (*Cajanus cajan* L.)

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Supplementary table 1: Major characteristics of *Cajanus* miRNAs.

miRNA name	NCBI Accession	Mature miRNA	Length of miRNA	(A+U)%	(G+C)%	Position of mature miRNA
Cca-miR156a	AGCT01033257	UGACAGAAGAGAGUGAGCACACA	21	52.38095	47.61905	3 to 23
Cca-miR156b	AGCT01005079	UGACAGAAGAGAGUGAGCACACA	21	52.38095	47.61905	2 to 22
Cca-miR156c	AGCT01013674	UUGACAGAAGAGAGAGAGCACACA	22	54.54545	45.45455	4 to 25
Cca-miR156d	AGCT01036358	UGACAGAAGAGAGUGAGCACACA	21	52.38095	47.61905	3 to 23
Cca-miR156e	AGCT01001467	GCUCACUCUCUAUCUGUCACC	21	47.61905	52.38095	71 to 91
Cca-miR156f	AGCT01026359	UUGACAGAAGAUAGAGAGCAC	21	57.14286	42.85714	3 to 23
Cca-miR156g	AGCT01011098	UGACAGAAGAGAGUGAGCACU	21	52.38095	47.61905	6 to 26
Cca-miR157a	AGCT01005447	UUGACAGAAGAUAGAGAGCAC	21	57.14286	42.85714	3 to 23
Cca-miR157b	AGCT01004138	UUGACAGAAGAUAGAGAGCAC	21	57.14286	42.85714	9 to 29
Cca-miR159a	AGCT01012656	AUUGGAGUGAAGGGAGCUCCG	21	42.85714	57.14286	150 to 170
Cca-miR159b	AGCT01004120	UUUGGAUUGAAGGGAGCUCUA	21	57.14286	42.85714	167 to 187
Cca-miR159c	AGCT01027545	AUUGGAGUGAAGGGAGCUCCA	21	47.61905	52.38095	154 to 174
Cca-miR159d	AGCT01027543	CUUGACGUGAAGGGAGCUCCA	21	42.85714	57.14286	151 to 171
Cca-miR159e	AGCT01039222	CUUGACGUGAAGGGAGCUCCA	21	42.85714	57.14286	137 to 157
Cca-miR159f	AGCT01039222	CUUGACGUGAAGGGAGCUCCA	21	42.85714	57.14286	152 to 172
Cca-miR159g	AGCT01027541	UUUGACGUGAAGGGAGCUCCA	21	47.61905	52.38095	153 to 173
Cca-miR159h	AGCT01012656	AUUGGAGUGAAGGGAGCUCCG	21	42.85714	57.14286	149 to 169
Cca-miR160a	AGCT01036526	UGCCUGGCUCCUGUAUGCCA	21	38.09524	61.90476	2 to 22
Cca-miR160b	AGCT01014534	UGCCUGGCUCCUGUAUGCCA	21	38.09524	61.90476	4 to 24
Cca-miR160c	AGCT01007712	UGCCUGGCUCCUGUAUGCCA	21	38.09524	61.90476	2 to 22
Cca-miR160d	AGCT01006307	UGCCUGGCUCCUGAAUGCCAUC	23	39.13043	60.86957	4 to 26
Cca-miR162a	AGCT01003897	UCGAUAAACCUCUGCAUCCAG	21	52.38095	47.61905	67 to 87
Cca-miR162b	AGCT01010508	UCGAUAAACCUCUGCAUCCAG	21	52.38095	47.61905	70 to 90
Cca-miR164a	AGCT01007920	UGGAGAAGCAGGGCAGGUGCA	21	38.09524	61.90476	4 to 24
Cca-miR164b	AGCT01008280	UGGAGAAGCAGGGCAGGUGCA	21	38.09524	61.90476	9 to 29
Cca-miR164c	AGCT01014244	UGGAGAAGCAGGGCAGGUGCA	21	38.09524	61.90476	11 to 31
Cca-miR164d	AGCT01014282	UGGAGAAGCAGGGCAGGUGCA	21	38.09524	61.90476	10 to 30
Cca-miR164e	AGCT01039776	UGGAGAAGCAGGGCAGGUGCA	21	38.09524	61.90476	7 to 27
Cca-miR166a	AGCT01005671	UCGGACCAGGCUUCAUUCUUUUU	22	36.36364	63.63636	82 to 103
Cca-miR166b	AGCT01004086	UCGGACCAGGCUUCAUUCUUUUU	21	38.09524	61.90476	74 to 94
Cca-miR166c	AGCT01001781	UCGGACCAGGCUUCAUUCUUUUU	22	36.36364	63.63636	65 to 86
Cca-miR166d	AGCT01011558	UCGGACCAGGCUUCAUUCUUUUU	22	36.36364	63.63636	88 to 109
Cca-miR166e	AFSP01019635	UCGGACCAGGCUUCAUUCUUUUU	22	36.36364	63.63636	86 to 107
Cca-miR166f	AGCT01057946	UCGGACCAGGCUUCAUUCUUUUU	21	38.09524	61.90476	70 to 90

Cca-miR166g	AGCT01006513	UCGGACCAGGCUUCAUCCCGU	22	40.90909	59.09091	158 to 179
Cca-miR166h	AGCT01048950	UCUCGGACCAGGCUUCAUUCU	21	47.61905	52.38095	148 to 167
Cca-miR167a	AGCT01025331	GGUCAUGCUGACAGCCUCACU	23	43.47826	56.52174	69 to 91
Cca-miR167b	AGCT01032564	UGAAGCUGCCAGCAUGAUCUA	21	52.38095	47.61905	10 to 30
Cca-miR167c	AGCT01014725	AUCAUGCUGGCAGCUCAACCGGU	24	45.83333	54.16667	62 to 85
Cca-miR167d	AGCT01013718	UGAAGCUGCCAGCAUGAUCUUA	22	54.54545	45.45455	4 to 25
Cca-miR167e	AGCT01013720	UGAAGCUGCCAGCAUGAUCUUA	22	54.54545	45.45455	4 to 25
Cca-miR167f	AGCT01014379	AGCAGUUGAAGCUGCCAGCAUGAU	24	50	50	3 to 26
Cca-miR168a	AGCT01027030	GAUCCCGCCUUGCAUCAACUGAAU	24	50	50	79 to 102
Cca-miR169a	AGCT01010010	CAGCCAAGGAUGACUUGCCGG	21	38.09524	61.90476	7 to 27
Cca-miR169b	AGCT01042546	CAGCCAAGGAUGACUUGCCGA	21	42.85714	57.14286	11 to 31
Cca-miR169c	AGCT01005984	UGAGCCAAGGAUGACUUGCCGGU	23	43.47826	56.52174	13 to 35
Cca-miR169d	AGCT01005982	UGAGCCAAGGAUGACUUGCCGG	22	40.90909	59.09091	5 to 26
Cca-miR169e	AGCT01026569	CAGCCAAGGAUGACUUGCCGG	21	38.09524	61.90476	6 to 26
Cca-miR169f	AGCT01011056	UGAGCCGGGAUGGCUUGCCGGCA	23	30.43478	69.56522	2 to 24
Cca-miR169g	AGCT01024779	CAGCCAAGGGUGAUUUGCCGG	21	38.09524	61.90476	7 to 27
Cca-miR171a	AGCT01011516	UGAUUGAGCCGUGCCAAUAUC	21	52.38095	47.61905	62 to 82
Cca-miR171b	AGCT01006293	UGAUUGAGCCGUGCCAAUAUC	21	52.38095	47.61905	60 to 80
Cca-miR171c	AGCT01009738	AGAUUGAGCCGCGCCAAUAUC	21	47.61905	52.38095	67 to 87
Cca-miR171d	AGCT01028350	UUGAGCCGUGCCAAUAUCACG	21	47.61905	52.38095	67 to 87
Cca-miR171e	AGCT01044195	UUGAGCCGUGCCAAUAUCACG	21	47.61905	52.38095	66 to 86
Cca-miR171f	AFSP01047866	UGAUUGAGCCGUGCCAAUAUC	21	52.38095	47.61905	56 to 76
Cca-miR171g	AGCT01010559	UGAUUGAGCCGUGCCAAUAUC	21	52.38095	47.61905	62 to 82
Cca-miR171h	AGCT01044191	UGAUUGAGCCGCGUCAUAUAUC	21	52.38095	47.61905	70 to 90
Cca-miR171i	AGCT01017031	UGAUUGAGCCGUGCCAAUAUC	21	52.38095	47.61905	55 to 75
Cca-miR172a	AGCT01003444	UGAGAAUCUUGAUGAUGCUGCAU	23	60.86957	39.13043	99 to 121
Cca-miR172b	AGCT01025565	UGAGAAUCUUGAUGAUGCUGCAU	23	60.86957	39.13043	100 to 122
Cca-miR172c	AGCT01019030	AGAAUCUUGAUGAUGCUGCAGCAG	24	54.16667	45.83333	100 to 123
Cca-miR172d	AGCT01072443	GGAAUCUUGAUGAUGCUGCAGCAG	24	50	50	98 to 121
Cca-miR172e	AGCT01025444	UGAGAAUCUUGAUGAUGCUGCAU	23	60.86957	39.13043	84 to 106
Cca-miR172f	AGCT01027792	UGAGAAUCUUGAUGAUGCUGCAU	23	60.86957	39.13043	57 to 79
Cca-miR172g	AGCT01001320	CUGAUGCAGCAUCAUCAAGAUUCC	24	54.16667	45.83333	8 to 31
Cca-miR319a	AGCT01020631	UUGGACUGAAGGGAGCUCCCU	21	42.85714	57.14286	162 to 182
Cca-miR319b	AGCT01032230	UUGGACUGAAGGGAGCUCCCU	21	42.85714	57.14286	161 to 181
Cca-miR319c	AGCT01048000	UUGGACUGAAGGGAGCUCCCU	21	42.85714	57.14286	152 to 172
Cca-miR319d	AGCT01001432	UUGGACUGAAGGGAGCUCCCU	21	42.85714	57.14286	145 to 165
Cca-miR319e	AFSP01083685	CUUGGACUGAAGGGAGCUUCC	21	42.85714	57.14286	144 to 164
Cca-miR319f	AFSP01000599	UUGGACUGAAGGGAGCUCCCU	21	42.85714	57.14286	148 to 168
Cca-miR319g	AFSP01033184	UUGGACUGAAGGGAGCUCCCU	21	42.85714	57.14286	155 to 175
Cca-miR319h	AGCT01013205	UUGGACUGAAGGGAGCUCCUUC	22	45.45455	54.54545	160 to 181
Cca-miR319i	AGCT01014988	AUCCAACGAUGCGGGAGCUGC	21	38.09524	61.90476	7 to 27
Cca-miR319j	AGCT01041388	UUGGACUGAAGGGGAGCUCCUUC	23	43.47826	56.52174	57 to 79
Cca-miR390a	AGCT01038607	AAGCUCAGGAGGGAUAGCGCC	21	38.09524	61.90476	11 to 31
Cca-miR390b	AGCT01013316	AAGCUCAGGAGGGAUAGCACC	21	42.85714	57.14286	11 to 31
Cca-miR390c	AGCT01012018	AAGCUCAGGAGGGAUAGCGCC	21	38.09524	61.90476	6 to 26

Cca-miR393a	AGCT01044741	UCCAAAGGGAUCGCAUUGAUCC	22	50	50	10 to 31
Cca-miR393b	AGCT01041182	UCCAAAGGGAUCGCAUUGAUCC	22	50	50	11 to 32
Cca-miR393c	AGCT01014584	UCCAAAGGGAUCGCAUUGAUCU	22	54.54545	45.45455	9 to 30
Cca-miR394a	AGCT01004262	UUGGCAUUCUGUCCACCUCC	20	45	55	8 to 27
Cca-miR394b	AGCT01006503	UUGGCAUUCUGUCCACCUCAU	22	50	50	2 to 23
Cca-miR394c	AGCT01001023	UUGGCAUUCUGUCCACCUCCA	21	47.61905	52.38095	10 to 30
Cca-miR394d	AGCT01052864	UUGGCAUUCUGUCCACCUCAU	22	50	50	8 to 29
Cca-miR395a	AGCT01012312	UGAAGUGUUUGGGGGAACUUU	21	57.14286	42.85714	79 to 99
Cca-miR395b	AGCT01012310	UGAAGUGUUUGGGGGAACUUU	21	57.14286	42.85714	92 to 112
Cca-miR395c	AGCT01004339	AUGAAGUGUUUGGGGGAACUC	21	52.38095	47.61905	79 to 99
Cca-miR396a	AGCT01037078	UUCCACAGCUUUCUUGAACUG	21	57.14286	42.85714	18 to 38
Cca-miR396b	AGCT01037081	AGCUUUCUUGAACUUCUUAUGCCU	24	62.5	37.5	9 to 32
Cca-miR396c	AGCT01010532	UUCCACAGCUUUCUUGAACUU	21	61.90476	38.09524	6 to 26
Cca-miR396d	AGCT01007230	UUCCACGGCUUUCUUGAACUG	21	52.38095	47.61905	11 to 31
Cca-miR397a	AGCT01042838	UCAUUGAGUGCAGCGUUGAUG	21	52.38095	47.61905	10 to 30
Cca-miR398a	AGCT01004296	UGUGUUCUCAGGUCACCCUU	21	47.61905	52.38095	77 to 97
Cca-miR399a	AGCT01056585	UGCCAAAGGAGAUUUGCCUG	21	47.61905	52.38095	70 to 90
Cca-miR399b	AGCT01056586	UGCCAAAGGAGAUUUGCCAG	21	47.61905	52.38095	72 to 92
Cca-miR399c	AGCT01014671	UGCCAAAGGAGAGUUGCCUG	21	42.85714	57.14286	48 to 68
Cca-miR399d	AGCT01068584	UGCCAAAGGAGAAUUGCCUG	21	47.61905	52.38095	66 to 86
Cca-miR399e	AGCT01010753	UGCCAAAGGAGAGUUGCCUG	21	42.85714	57.14286	65 to 85
Cca-miR399f	AGCT01014672	UGCCAAAGGAGAGUUGCCUG	21	38.09524	61.90476	82 to 102
Cca-miR403a	AGCT01010052	UUAGAUUCACGCACAAACUUG	21	61.90476	38.09524	67 to 87
Cca-miR408a	AGCT01011142	AUGCACUGCCUCUCCUGGC	21	38.09524	61.90476	90 to 110
Cca-miR408b	AGCT01008219	AUGCACUGCCUCUCCUGGC	21	38.09524	61.90476	106 to 126
Cca-miR477a	AFSP01000217	UAUGGGGGGAUUGGGAAGGAU	22	50	50	5 to 26
Cca-miR479a	AGCT01011167	CGUGAUUUGGUCCGGCUCauc	22	45.45455	54.54545	17 to 38
Cca-miR482a	AGCT01013674	UUGACAGAAGAGAGAGACA	22	54.54545	45.45455	4 to 25
Cca-miR529a	AGCT01025571	UGCAUUUGCACCUGCACUUUA	21	57.14286	42.85714	10 to 30
Cca-miR530a	AGCT01029002	UCUUGCUCAAAUGAGUAUCCA	22	63.63636	36.36364	8 to 29
Cca-miR828a	AFSP01054857	GGCAUCGGGGGCGCAACGCCU	22	22.72727	77.27273	1 to 22
Cca-miR862a	AGCT01002043	UCCCUCAAAGGCUCCAGUAUU	22	54.54545	45.45455	10 to 30
Cca-miR1310a	AGCT01021153	AGGCAUCGGGGGCGCAACGCC	22	22.72727	77.27273	1 to 22
Cca-miR1310b	AGCT01000391	AGGCAUCGGGGGCGCAACGCC	22	22.72727	77.27273	2 to 23
Cca-miR1310c	AGCT01040919	AGGCAUCGGGGGCGCAAUGCCC	22	27.27273	72.72727	1 to 22
Cca-miR1310d	AFSP01084039	AGGCAUUGGGGGCGCAACGCUC	22	31.81818	68.18182	1 to 22
Cca-miR1310e	AGCT01055389	UCUCAUCCAUAACAUCGUCUGA	22	59.09091	40.90909	73 to 94
Cca-miR1507a	AGCT01001965	UUGUUGUUUACCUAUCCACCC	23	60.86957	39.13043	64 to 86
Cca-miR1510a	AGCT01009125	AACCAGGCUCUGAUACCAUG	20	50	50	68 to 87
Cca-miR1511a	AGCT01001148	UAAUCGAAAAUUCUAAAAGCAU	22	77.27273	22.72727	2 to 23
Cca-miR1512a	AGCT01011459	UUCAUUUUUAAAAUAGGCAUU	21	80.95238	19.04762	3 to 23
Cca-miR1514a	AGCT01009407	UCAUUUUGCGUGCAAUGAUCUG	22	59.09091	40.90909	4 to 25
Cca-miR1515a	AGCT01038237	GUCCUUGGGAUGCAGAUUACC	21	47.61905	52.38095	12 to 32
Cca-miR2111a	AGCT01038239	UAAUCUGCAUCCUGAGGUUA	21	61.90476	38.09524	11 to 31
Cca-miR2111b	AGCT01038237	GUCCUUGGGAUGCAGAUUauc	21	52.38095	47.61905	53 to 73

Cca-miR2111c	AGCT01012386	UAAUCUGCAUCCUGAGGUUUA	21	61.90476	38.09524	2 to 22
Cca-miR2111d	AGCT01014835	UUGCCGAUUCCACCAUUCUA	22	50	50	59 to 80
Cca-miR2118a	AGCT01065117	GGUCGGGGGACGGAUUGGGA	20	30	70	76 to 95
Cca-miR2911a	AFSP01160442	GGUCAGGGGACGGAUUGGGA	20	35	65	76 to 95
Cca-miR2911b	AFSP01171352	GGUCGGGGGACGGAUUGGGA	20	30	70	76 to 95
Cca-miR2911c	AGCT01055500	GGUCGGGGGACGGAUUGGGA	20	30	70	76 to 95
Cca-miR2911d	AGCT01014988	AUCCAACGAUGCGGGAGCUGC	21	38.09524	61.90476	98 to 118
Cca-miR4414a	AGCT01007544	UGGGUGAGAGAAACGCGUAUC	21	47.61905	52.38095	11 to 31
Cca-miR4416a	AGCT01002329	AAAGCCACUUUGAGGUUCCUAU	23	56.52174	43.47826	1 to 23
Cca-miR5032a	AGCT01002047	ACCUCAAAGGCUUCCACUACUG	22	50	50	44 to 65
Cca-miR5037a	AGCT01002047	ACCUCAAAGGCUUCCACUACUG	22	50	50	2 to 23
Cca-miR5037b	AGCT01036988	GCGUCAUCUCUCCUACGACAGA	22	45.45455	54.54545	55 to 76
Cca-miR5225a	AGCT01002329	GGACAGUCUCAGGUAGACA	19	47.36842	52.63158	150 to 168
Cca-miR5368a	AGCT01032717	GGACAAUCUCAGGUAGACA	19	52.63158	47.36842	150 to 168
Cca-miR5368b	AGCT01019605	GGACAGUCUCAGGUAGACA	19	47.36842	52.63158	148 to 166
Cca-miR5368c	AGCT01006932	AGCAAUGGAAUUAUAAACUUC	21	71.42857	28.57143	80 to 100
Cca-miR5668a	AGCT01045962	UUA AAAACUAUGGAUUGGACAA	21	71.42857	28.57143	13 to 33
Cca-miR5786aa	AGCT01033925	UGUCGCAGGAUAGAGGGCACU	21	42.85714	57.14286	11 to 31

Supplementary table 2: Major characteristics of *Cajanus* pre-miRNAs.

MiRNA name	NCBI Accession	Length of Pre-miRNA	(A+U)%	(G+C)%	MFE	AMFE	MFEI
Cca-MIR156a	AGCT01033257	91	51.6	48.4	53.1	58.4	1.2
Cca-MIR156b	AGCT01005079	85	50.6	49.4	47.2	55.5	1.1
Cca-MIR156c	AGCT01013674	91	52.7	47.3	50.8	55.8	1.2
Cca-MIR156d	AGCT01036358	85	57.6	42.4	48.4	56.9	1.3
Cca-MIR156e	AGCT01001467	91	57.1	42.9	50.0	54.9	1.3
Cca-MIR156f	AGCT01026359	88	58.0	42.0	40.4	45.9	1.1
Cca-MIR156g	AGCT01011098	93	51.6	48.4	53.0	57.0	1.2
Cca-MIR157a	AGCT01005447	95	58.9	41.1	42.9	45.2	1.1
Cca-MIR157b	AGCT01004138	119	62.2	37.8	43.9	36.9	1.0
Cca-MIR159a	AGCT01012656	171	52.6	47.4	80.1	46.8	1.0
Cca-MIR159b	AGCT01004120	203	55.2	44.8	96.5	47.5	1.1
Cca-MIR159c	AGCT01027545	180	60.0	40.0	89.4	49.7	1.2
Cca-MIR159d	AGCT01027543	171	62.0	38.0	71.5	41.8	1.1
Cca-MIR159e	AGCT01039222	158	61.4	38.6	58.8	37.2	1.0
Cca-MIR159f	AGCT01039222	172	62.8	37.2	67.7	39.4	1.1
Cca-MIR159g	AGCT01027541	173	61.8	38.2	70.2	40.6	1.1
Cca-MIR159h	AGCT01012656	169	52.1	47.9	78.2	46.3	1.0
Cca-MIR160a	AGCT01036526	82	51.2	48.8	48.1	58.7	1.2
Cca-MIR160b	AGCT01014534	86	48.8	51.2	48.8	56.7	1.1
Cca-MIR160c	AGCT01007712	82	50.0	50.0	49.0	59.8	1.2
Cca-MIR160d	AGCT01006307	88	52.3	47.7	49.6	56.4	1.2

Cca-MIR162a	AGCT01003897	88	55.7	44.3	33.4	38.0	0.9
Cca-MIR162b	AGCT01010508	93	48.4	51.6	48.0	51.6	1.0
Cca-MIR164a	AGCT01007920	65	46.2	53.8	38.1	58.6	1.1
Cca-MIR164b	AGCT01008280	90	45.6	54.4	47.4	52.7	1.0
Cca-MIR164c	AGCT01014244	99	48.5	51.5	46.3	46.8	0.9
Cca-MIR164d	AGCT01014282	89	53.9	46.1	43.8	49.2	1.1
Cca-MIR164e	AGCT01039776	153	55.6	44.4	47.6	31.1	0.7
Cca-MIR166a	AGCT01005671	105	56.2	43.8	36.2	34.5	0.8
Cca-MIR166b	AGCT01004086	101	52.5	47.5	54.6	54.1	1.1
Cca-MIR166c	AGCT01001781	89	51.7	48.3	42.1	47.3	1.0
Cca-MIR166d	AGCT01011558	114	50.0	50.0	42.9	37.6	0.8
Cca-MIR166e	AFSP01019635	110	50.0	50.0	40.5	36.8	0.7
Cca-MIR166f	AGCT01057946	93	52.7	47.3	51.7	55.6	1.2
Cca-MIR166g	AGCT01006513	185	60.5	39.5	78.5	42.4	1.1
Cca-MIR166h	AGCT01048950	177	62.7	37.3	48.5	27.4	0.7
Cca-MIR167a	AGCT01025331	98	51.0	49.0	46.1	47.0	1.0
Cca-MIR167b	AGCT01032564	104	52.9	47.1	49.9	48.0	1.0
Cca-MIR167c	AGCT01014725	89	52.8	47.2	50.6	56.9	1.2
Cca-MIR167d	AGCT01013718	74	67.6	32.4	29.2	39.5	1.2
Cca-MIR167e	AGCT01013720	73	67.1	32.9	25.5	34.9	1.1
Cca-MIR167f	AGCT01014379	83	55.4	44.6	45.6	54.9	1.2
Cca-MIR168a	AGCT01027030	112	40.2	59.8	60.5	54.0	0.9
Cca-MIR169a	AGCT01010010	85	52.9	47.1	39.4	46.4	1.0
Cca-MIR169b	AGCT01042546	178	63.5	36.5	66.9	37.6	1.0
Cca-MIR169c	AGCT01005984	84	56.0	44.0	41.4	49.3	1.1
Cca-MIR169d	AGCT01005982	78	53.8	46.2	36.9	47.3	1.0
Cca-MIR169e	AGCT01026569	91	54.9	45.1	46.6	51.2	1.1
Cca-MIR169f	AGCT01011056	81	46.9	53.1	44.9	55.4	1.0
Cca-MIR169g	AGCT01024779	99	56.6	43.4	42.6	43.0	1.0
Cca-MIR171a	AGCT01011516	84	57.1	42.9	47.1	56.1	1.3
Cca-MIR171b	AGCT01006293	82	59.8	40.2	45.8	55.9	1.4
Cca-MIR171c	AGCT01009738	92	56.5	43.5	41.1	44.7	1.0
Cca-MIR171d	AGCT01028350	89	59.6	40.4	35.8	40.2	1.0
Cca-MIR171e	AGCT01044195	88	52.3	47.7	40.2	45.7	1.0
Cca-MIR171f	AFSP01047866	77	54.5	45.5	43.7	56.8	1.2
Cca-MIR171g	AGCT01010559	83	66.3	33.7	40.8	49.2	1.5
Cca-MIR171h	AGCT01044191	100	61.0	39.0	48.4	48.4	1.2
Cca-MIR171i	AGCT01017031	76	53.9	46.1	40.1	52.8	1.1
Cca-MIR172a	AGCT01003444	125	51.2	48.8	51.6	41.3	0.8
Cca-MIR172b	AGCT01025565	125	56.8	43.2	54.1	43.3	1.0
Cca-MIR172c	AGCT01019030	127	56.7	43.3	53.4	42.0	1.0
Cca-MIR172d	AGCT01072443	125	56.8	43.2	59.4	47.5	1.1
Cca-MIR172e	AGCT01025444	110	56.4	43.6	43.8	39.8	0.9
Cca-MIR172f	AGCT01027792	83	55.4	44.6	36.2	43.6	1.0
Cca-MIR172g	AGCT01001320	152	59.2	40.8	62.2	40.9	1.0

Cca-MIR319a	AGCT01020631	190	57.4	42.6	83.3	43.8	1.0
Cca-MIR319b	AGCT01032230	190	58.9	41.1	85.1	44.8	1.1
Cca-MIR319c	AGCT01048000	178	57.3	42.7	73.9	41.5	1.0
Cca-MIR319d	AGCT01001432	169	57.4	42.6	77.0	45.6	1.1
Cca-MIR319e	AFSP01083685	170	57.6	42.4	73.7	43.4	1.0
Cca-MIR319f	AFSP01000599	169	56.8	43.2	73.0	43.2	1.0
Cca-MIR319g	AFSP01033184	178	57.3	42.7	79.8	44.8	1.1
Cca-MIR319h	AGCT01013205	197	60.4	39.6	87.1	44.2	1.1
Cca-MIR319i	AGCT01014988	63	46.0	54.0	21.6	34.3	0.6
Cca-MIR319j	AGCT01041388	87	48.3	51.7	45.3	52.1	1.0
Cca-MIR390a	AGCT01038607	103	50.5	49.5	42.7	41.5	0.8
Cca-MIR390b	AGCT01013316	89	56.2	43.8	36.2	40.7	0.9
Cca-MIR390c	AGCT01012018	87	52.9	47.1	42.7	49.1	1.0
Cca-MIR393a	AGCT01044741	110	58.2	41.8	47.3	43.0	1.0
Cca-MIR393b	AGCT01041182	101	59.4	40.6	49.0	48.5	1.2
Cca-MIR393c	AGCT01014584	124	57.3	42.7	59.6	48.1	1.1
Cca-MIR394a	AGCT01004262	87	50.6	49.4	32.7	37.6	0.8
Cca-MIR394b	AGCT01006503	67	52.2	47.8	34.9	52.1	1.1
Cca-MIR394c	AGCT01001023	86	46.5	53.5	37.2	43.3	0.8
Cca-MIR394d	AGCT01052864	96	55.2	44.8	38.8	40.4	0.9
Cca-MIR395a	AGCT01012312	101	60.4	39.6	42.0	41.6	1.1
Cca-MIR395b	AGCT01012310	119	58.8	41.2	57.9	48.7	1.2
Cca-MIR395c	AGCT01004339	112	54.5	45.5	54.2	48.4	1.1
Cca-MIR396a	AGCT01037078	135	53.3	46.7	63.1	46.7	1.0
Cca-MIR396b	AGCT01037081	80	52.5	47.5	36.9	46.1	1.0
Cca-MIR396c	AGCT01010532	92	65.2	34.8	38.5	41.8	1.2
Cca-MIR396d	AGCT01007230	106	62.3	37.7	36.7	34.6	0.9
Cca-MIR397a	AGCT01042838	112	59.8	40.2	49.0	43.8	1.1
Cca-MIR398a	AGCT01004296	102	58.8	41.2	48.5	47.5	1.2
Cca-MIR399a	AGCT01056585	99	54.5	45.5	50.5	51.0	1.1
Cca-MIR399b	AGCT01056586	107	52.3	47.7	44.6	41.7	0.9
Cca-MIR399c	AGCT01014671	73	54.8	45.2	36.2	49.6	1.1
Cca-MIR399d	AGCT01068584	89	55.1	44.9	38.1	42.8	1.0
Cca-MIR399e	AGCT01010753	90	51.1	48.9	39.4	43.8	0.9
Cca-MIR399f	AGCT01014672	112	55.4	44.6	50.5	45.1	1.0
Cca-MIR403a	AGCT01010052	92	60.9	39.1	46.6	50.7	1.3
Cca-MIR408a	AGCT01011142	118	49.2	50.8	53.9	45.7	0.9
Cca-MIR408b	AGCT01008219	134	50.7	49.3	46.5	34.7	0.7
Cca-MIR477a	AFSP01000217	84	54.8	45.2	38.2	45.5	1.0
Cca-MIR479a	AGCT01011167	90	56.7	43.3	40.1	44.6	1.0
Cca-MIR482a	AGCT01013674	91	52.7	47.3	50.8	55.8	1.2
Cca-MIR529a	AGCT01025571	142	60.6	39.4	64.6	45.5	1.2
Cca-MIR530a	AGCT01029002	118	61.9	38.1	46.3	39.2	1.0
Cca-MIR828a	AFSP01054857	76	46.1	53.9	26.0	34.2	0.6
Cca-MIR862a	AGCT01002043	90	62.2	37.8	43.6	48.4	1.3

Cca-MIR1310a	AGCT01021153	76	44.7	55.3	26.0	34.2	0.6
Cca-MIR1310b	AGCT01000391	70	44.3	55.7	26.7	38.1	0.7
Cca-MIR1310c	AGCT01040919	78	48.7	51.3	24.6	31.5	0.6
Cca-MIR1310d	AFSP01084039	73	47.9	52.1	24.8	34.0	0.7
Cca-MIR1310e	AGCT01055389	105	54.3	45.7	53.2	50.7	1.1
Cca-MIR1507a	AGCT01001965	93	60.2	39.8	45.3	48.7	1.2
Cca-MIR1510a	AGCT01009125	90	51.1	48.9	28.5	31.7	0.6
Cca-MIR1511a	AGCT01001148	86	72.1	27.9	33.0	38.4	1.4
Cca-MIR1512a	AGCT01011459	72	68.1	31.9	25.6	35.6	1.1
Cca-MIR1514a	AGCT01009407	132	67.4	32.6	40.6	30.8	0.9
Cca-MIR1515a	AGCT01038237	153	62.7	37.3	53.9	35.2	0.9
Cca-MIR2111a	AGCT01038239	84	63.1	36.9	41.2	49.0	1.3
Cca-MIR2111b	AGCT01038237	80	60.0	40.0	29.0	36.3	0.9
Cca-MIR2111c	AGCT01012386	71	62.0	38.0	35.2	49.6	1.3
Cca-MIR2111d	AGCT01014835	89	56.2	43.8	46.0	51.7	1.2
Cca-MIR2118a	AGCT01065117	95	27.4	72.6	59.2	62.3	0.9
Cca-MIR2911a	AFSP01160442	95	28.4	71.6	55.0	57.9	0.8
Cca-MIR2911b	AFSP01171352	95	30.5	69.5	47.4	49.9	0.7
Cca-MIR2911c	AGCT01055500	95	34.7	65.3	41.4	43.6	0.7
Cca-MIR2911d	AGCT01014988	125	54.4	45.6	38.1	30.5	0.7
Cca-MIR4414a	AGCT01007544	95	34.7	65.3	55.2	58.1	0.9
Cca-MIR4416a	AGCT01002329	62	53.2	46.8	14.2	22.9	0.5
Cca-MIR5032a	AGCT01002047	134	64.2	35.8	48.1	35.9	1.0
Cca-MIR5037a	AGCT01002047	80	61.3	38.8	41.0	51.3	1.3
Cca-MIR5037b	AGCT01036988	87	52.9	47.1	30.5	35.1	0.7
Cca-MIR5225a	AGCT01002329	170	44.7	55.3	74.7	43.9	0.8
Cca-MIR5368a	AGCT01032717	170	46.5	53.5	72.9	42.9	0.8
Cca-MIR5368b	AGCT01019605	168	45.2	54.8	73.7	43.9	0.8
Cca-MIR5368c	AGCT01006932	107	66.4	33.6	17.7	16.5	0.5
Cca-MIR5668a	AGCT01045962	89	59.6	40.4	21.8	24.5	0.6
Cca-MIR5786a	AGCT01033925	133	60.2	39.8	68.3	51.4	1.3