

SN	microRNA	Mature miRNA Seq (5'-3')	PremicroRNA Sequence (5'-3')	Position	P_Val
1	bbu-mir-11001	gugaaaugauggcaaucaucuu	ccuuaaaGUGAAAUGAUGGCAAUCAUCUUucgggacugaccugaaaugaagagaauacuc auugcugaucacuuuuauuguuuuggg	8 to 29	0.010
2	bbu-mir-11002	ggagagaacguaaucugaguggu	ccguuagccauugaugaucguucuuuuuccuuuuagggagaugaagagGGAGAGAACGU AAUCUGAGUGGUuucgg	50 to 72	0.010
3	bbu-mir-11003	gauguccagccacaauucucg	gccacaGAUGUCCAGCCACAAUUCUCGguuuggccgcagacucguacaagaauugcguuuug gacaaucauguggc	7 to 27	0.030
4	bbu-mir-11004	gaagagccagcucuuagaaag	ucagggucuuuuucuaaugagucagcucuuugcaucagguggccaaaguGAAGAGCCAGCU CAUUGAAAAGgacucuga	49 to 70	0.010
5	bbu-mir-11005	uccacauccucacaguuuggug	cuccgggUCCACAUCCCUACAGUUUGGUGcuggaaugaaaaccccaggcuguuuggaaug uugaccagg	8 to 30	0.010
6	bbu-mir-11006	uugcagugaugacuugagucu	ugcuggcuUUGCAGUGAUGACUUGAGUCUgucaaucccugagugaguuuaucaucugau gucuccaugucucugagcaaagccucugagua	9 to 29	0.079
7	bbu-mir-11007	cuucagugaugacacgaugacga	uugguuuguccuugucucagccacugguguaccCUUCAGUGAUGACACGAUGACGAguca g	34 to 56	0.010
8	bbu-mir-11008	gauuagaggcauuugucugaga	gguuccuuuuugcagaguguccuguucauugauuGAUUAGAGGCAUUUGUCUGAGAagggg cc	34 to 55	0.010
9	bbu-mir-11009	cuccuggggcccgcacucucg	ucgggucugggggagcggcccccgggcgggccucugcucuggcccCUCCUGGGGCCCGCAC UCUCGcuccgg	45 to 65	0.020
10	bbu-mir-11010	uaucuuuuauucuccagccua	aggcuaggagaaaugauuggauagaaaauuuuauucUAUUCAUUUAUCUCCAGCCU	37 to 57	0.010
11	bbu-mir-11011	gucggguugcuugggaaugca	gguagcggcccccgccgcgcccgggcccgggucuucccgggaGUCGGGUUGCUUGGGAAUGC Agcc	41 to 61	0.059
12	bbu-mir-11013	ggcgucuccucccgcggggg	gccGGCGCUCUCCUCCCCGCGGGGGggccgcucucccgcgaggggggcuucccccgcgggggc gcgcgccggg	4 to 24	0.010
13	bbu-mir-11018	gagcccagcgccgaauccccg	gggaaGAGCCCAGCGCCGAAUCCCCGcccccggguggggcgugggacauguggcguacgg aagaccacccccggcgccgcugugggggccc	6 to 26	0.099
14	bbu-mir-11024	accugauugcuccuauucugauu	cagaauagaacaugaugauuggagcucgcaugauucgugauuaacggcucugcguaauca ggacuugcaacACCCUGAUUGCUCCUAUCUGAUUcuuccug	72 to 94	0.020
15	bbu-mir-11025	aaaacuggaacgaacuuuugg	guugaacaaaaaguucguccagauuuuuuccauaagauguuacagaAAAACUGGAACGAAC UUUUGGgccaac	46 to 66	0.010
16	bbu-mir-11026	uaccuguagaaccgaauuug	cuauauaUACCCUGUAGAACCAGAAUUUGugugguauccauguagucacagauucgauucu aggggaaauauaug	8 to 28	0.010
17	bbu-mir-11027	aaaaccugaacgagccuuuugg	uggguuggugaaaaagguucauuuuggguuuuuucuguaagauguuacagaAAAACCUGAACG AGCCUUUUGGccaacca	49 to 70	0.010

SN	microRNA	Mature miRNA Seq (5'-3')	PremicroRNA Sequence (5'-3')	Position	P_Val
18	bbu-mir-11028	gcaugggugguucagugguaga	uaccacagugaacuccaugccuuccugagcaagccuaccuaauaaggccaucaggagu cuagagcagguGCAUGGGUGGUUCAGUGGUA	72 to 91	0.030
19	bbu-mir-11029	gcguuggugguauaguggugagc	ucuuucucaucacuuaaacucagcaugugcugguGCGUUGGUGGUUAUAGUGGUGAGCgua ga	35 to 57	0.059
20	bbu-mir-11030	uucagcuguuuugugagacauuc	gagaagaagagauaauucacggagcuagcguuugugccuucugucuucacagaggccuaU UCAGCUGUUUUGUGAGACAUUCuguuuc	60 to 82	0.030
21	bbu-mir-11031	gucuucucacugagcuccuuucu	UCUUCUCACUGAGCUCUUUCUgucaaucagugacaguugaggauucgcacgagaaga	1 to 22	0.020
22	bbu-mir-11032	gaucgaugaugacaccucaca	cucgGAUCGAUGAUGACACCCUCACAugcauuccuuggaaaaucugaacaaaugaguga gaacucacuacugucuccucaucgaaacugag	5 to 26	0.020
23	bbu-mir-11033	acuccauuuguuuugaugaug	gaggACUCCAUUUGUUUUGAUGAUGgauucuuacgcuccaucaucgucucaaaugagucu uc	5 to 25	0.010
24	bbu-mir-11034	aacugucaaucgaugggacagag	gauaucuuugcccugggacugugucaguggcAACUGUCAAUUGAUGGGACAGAGaguauu c	32 to 54	0.079
25	bbu-mir-11035	auugaggucuaucgccgauggggc	UGAGGUCUAUCCCGAUGGGGCuuuuucuaaaaccuacaucguuggaaacgccuca	1 to 21	0.020
26	bbu-mir-11036	gaaaaguucguuuggguuuuc	ggugggccGAAAAGUUCGUUUGGGUUUUCcauaacaucuuuccagaaaaaccugaacaaau uuucuggccaacc	9 to 29	0.010
27	bbu-mir-11037	ugaccuaugaauugacagccagu	cucUGACCUAUGAAUUGACAGCCAGUgcucuugugucuccucuggcugccaauuccauag gucacag	4 to 26	0.010
28	bbu-mir-11038	ucacuucagccuuuucuuucag	UCACUUCAGCCUUUUCUUUCUAGcuguacuuaaaugagcagaugaaggaggcugaagga	1 to 23	0.020
29	bbu-mir-11039	ggcugguccgaugguagugggu	GGCUGGUCGGAUGGUAGUGGGUuaccagaacuuauuaacguuagugucacuaaaguuggu auacaacccccacugcuauuuuugacuggcu	1 to 22	0.040
30	bbu-mir-11040	ccccacugcuauuuuugacugg	ggcugguccgaugguaguggguuaccagaacuuauuaacguuagugucacuaaaguuggu auacaacCCCCACUGCUAAAUUUGACUGGcu	68 to 90	0.010
31	bbu-mir-11041	aaacucgaaugaacucuuugg	uggguuagccaaaaagaucauuuuggguuuuucugaugauguuuuggaAAACUCGAAUGAA CUCUUUGGcugacuca	48 to 68	0.010
32	bbu-mir-11042	cagcaugugaaaucuuugguug	acuugcagcaacuaaaaauuccacaugcucucuaacaaaguuuauucggcuguaCAGCAUG UGAAAUCUUUGGUUGaugcaugu	54 to 75	0.010
33	bbu-mir-11045	gggaagugaugauacuuauga	cGGGAAGUGAUGAUACUUAUGAcuccugacagugcgcugauuuucacaccguauucguacu ggcugaucuccgagugucuccuuccug	2 to 22	0.020
34	bbu-mir-11046	gcguuggugguauagugguagc	gcuaauacuuuuacuaagggcauugugagaaaccucacuuacugggGCGUUGGUGGUUAU AGUGGUUAGC	48 to 70	0.079



SN	microRNA	Mature miRNA Seq (5'-3')	PremicroRNA Sequence (5'-3')	Position	P_Val
52	bbu-mir-12110	aacgaagacuucagggcagcu	cAACGAAGACUUCAGGGCAGCUggaaagucaggaucugcucucugagccuucagug	2 to 22	0.069
53	bbu-mir-1212	gaggacucagcaguaggcucu	uggguaGAGGACUCAGCAGUAGGCUCUgugagagaccucagggaguaggcuguggagacc aagacuca	7 to 27	0.030
54	bbu-mir-1213	ggagagaacguaaucugagugg	ccguuagccauugaugaucguucuuuuuccuuuuaggagaugaagagGGAGAGAACGU AAUCUGAGUGGuuucgg	50 to 71	0.010
55	bbu-mir-1215	ucucagugaugcgaauccaau	ucgUCUCAGUGAUGCGAUUCCAAUfagauccuucugaccuccacuguggacucaauagca gggagaugaagaggaacgugacugagagacga	4 to 24	0.069
56	bbu-mir-1217	gggcagagaggaagcggcuau	agguguggccgcccugcugcgcagugccguugGGGCAGAGAGGAAGCGGCUAUuucu	34 to 54	0.040
57	bbu-mir-1218	ggcagagaggaaagaggcucg	ucgugaucuuccccgcacugccccuagaggcgcugcagggcugggcugccgugucacgucu gcucaugagguGGCAGAGAGGAAAGAGGCUCGg	73 to 93	0.020
58	bbu-mir-1219	guccggggaauggauccagcgu	acugaacacacuggaaucauuucucugaaaguggauuuuguggucuGUCCGGGGAAUGGA UCCAGCGUgaucggu	47 to 68	0.010
59	bbu-mir-1222	cccccgaguguuacagcccc	ggugggggcgcgguacugugggggcaggccaaCCCCGAGUGUACAGCCCCagc	33 to 53	0.040
60	bbu-mir-1223	uugcagugaugacuugagucug	ugcuggcuUUGCAGUGAUGACUUGAGUCUGucaauccccugagugaguuaaaucaucugau gucuccaugucucugagcaaagccucugagua	9 to 30	0.089
61	bbu-mir-1224	ugccaagcccacguucaaaaggcu	gccugcUGCCAAGCCCACGUUCAAGGCUGuuucuucaaaguuaauggugccgcccuuuga gcugggaagggaaagcgggc	7 to 29	0.010
62	bbu-mir-1225	aaaccgaaauaacuuuuugg	gguuggccagaaguucauuugggucuuuccguaacaucugauggaAAACCCGAAUUAACU UUUUGGccaacu	46 to 66	0.010
63	bbu-mir-1226	gucgaggcuagagucacgcuugg	UCGAGGCUAGAGUCACGCUUGGguauccacugaugccuuagugugcuagaguccucga	1 to 22	0.010
64	bbu-mir-1227	cuucagugaugacacgaugacg	uugguuuguccuugucucagccacugguguaccCUUCAGUGAUGACACGAUGACGaguca g	34 to 55	0.020
65	bbu-mir-1228	aaaaccagaacgaacuugugu	guuggccaaaaaguucauucagauuuuuucuaaaacagcuuacggaAAAACCCAGAACGAAC UUUGUGUccaac	46 to 67	0.010
66	bbu-mir-1229	ggacaucugagauuguugaugaa	gGGACAUCUGAGAUUGUUGAUGAAugccaacggcucugaugggcggcguaacccgacucac cggauugggucuuuguuaauaacugggaaugaacc	2 to 24	0.050
67	bbu-mir-1230	gcggggguggggggggcg	guuuuccuccccuacacggucaauuaaaaaaugauuagugagaaauucuaacugcuuugu ggcgggGCGGGGGUGGGGGGGCGGC	67 to 86	0.089
68	bbu-mir-1231	agcacagcuacccccgguacacgg	gggcAGCACAGCUACCCCGGUACACGGgugcuuucugggggugggucggcugugucucc	5 to 27	0.099

SN	microRNA	Mature miRNA Seq (5'-3')	PremicroRNA Sequence (5'-3')	Position	P_Val
69	bbu-mir-1232	gaaaagagcaccggcugagacgc	ggcuggcgucggugauguucugcaguuaccuacauuguuuugaucccuGAAAAGAGCACCGGCUGAGACGCcugcc	50 to 72	0.079
70	bbu-mir-1234	ccccgaguguuacagccccccg	gccggcggggaagguggcucggggggguugccccgccgucguacagggcggggucggcccuucgCCCCGAGUGUACAGCCCCCGgc	66 to 87	0.010
71	bbu-mir-1243	ccgaggugggaucccgaggcc	gcggCCGAGGUGGGAUCCCCGAGGCCucucccaguccgccgagggcgaccaccggccc	5 to 25	0.010
72	bbu-mir-1247	ucccggggcccgggagcggccgg	ggguUCCCGGGGCCGGGAGCGGCCGGggccccgguggcggggggaggucuuccccccgcgaggccccggcaccggggggcc	5 to 25	0.079
73	bbu-mir-1248	acucaaaacauggcggcacuu	ACUCAAAAACAUGGCGGCACUUcccuucguaaaacggaagugccccacaguuuagau	1 to 21	0.010
74	bbu-mir-1250	ccaugaggaggagaugcagug	caaaaCCAUGAGGAGGAGAUGCAGUGuccucuccugagcguagaagcugguccuuggucuuuuucugcagcugcugacaccgucugagugguuug	6 to 26	0.010
75	bbu-mir-1251	uagcuuaucaagacugauguug	ugucgggUAGCUUAUCAGACUGAUGUUGacuguuagaaucauaggcaacagcagucgaugggcugucugaca	8 to 28	0.010
76	bbu-mir-1253	auggauuuuggagcagggagu	uguaguaucuguuuuaucauuuuauucugauacguccuauuccgaggacaauauauuaaAUGGAUUUUGGAGCAGGGAGUgga	64 to 84	0.020
77	bbu-mir-1255	acgcgucgccuuugagcccccg	GCGCUGCCUUUGAGCCCCCGccgcgccugcgcguggcgccgggggucaggcugcagcgc	1 to 20	0.020
78	bbu-mir-1258	gcaugggugguucagugguagaa	uaccacagugaacuccaugccuuccugagcaagccuaccuaauaaggccaauccaggagucuaagagcagguGCAUGGGUGGUUCAGUGGUA	72 to 91	0.059
79	bbu-mir-1259	uguccuugcuguuuggagaua	ucccagauacaauggacaauauggcuguuuauuuuguguggcauUGUCCUUGCUGUUUGGAGA	44 to 62	0.010
80	bbu-mir-1261	aggauucgcacgagaagaaga	ucuucucacugagcuccuuucugucaaucaugagacaguugAGGAUUCGCACGAGAAGA	41 to 58	0.020
81	bbu-mir-1262	gagcgugaugauuggguguucac	uGAGCGUGAUGAUUGGGUGUUCACgcuauugcgugauucgugcagaccuuguuacgacacuggcacauuaccuacugacgugaca	2 to 24	0.020
82	bbu-mir-1264	cagaggggccuucucugcccgc	gcugguaagggaaagccguccuucugcucugcccucuuagcuuCAGAGGGGCCUUCUCUGCCCGC	43 to 64	0.059
83	bbu-mir-1265	caggagcgguuugcugccagcc	ggCAGGAGCGGUUUGCUGCCAGCCcgggccccaacucacuggccgcccuccgcuccucc	3 to 24	0.020
84	bbu-mir-1268	gaggugucaggauggccgagug	cGAGGUGUCAGGAUGGCCGAGUGgucuaagggcgccagacucaagcgaagcuuccccaccuug	2 to 23	0.030
85	bbu-mir-1273	ucaauccccggcaccuccacca	gguUCAAUCCCCGGCACCUCCACCAguuuugaggggggagugcuugugaucaagcc	4 to 25	0.089

SN	microRNA	Mature miRNA Seq (5'-3')	PremicroRNA Sequence (5'-3')	Position	P_Val
86	bbu-mir-1275	uugcaugacucugagaguaag	aggaggcacuugcuuucagggaccugcaaguacugguccaucuUUGCAUGACUCUGAGA GUAAGugccuccu	45 to 65	0.010
87	bbu-mir-1276	ggagaacugaauauaugcuagcu	GAGAACUGAAUAUAUGCUAGCUgucauucuuaccaucagcagcauauuuucagcacuu	1 to 22	0.010
88	bbu-mir-1279	ugggagcgggcgggcgguccgcc	ggaucuUGGGAGCGGGCGGGCGGUCCGCCgcgaggcgagccaccgcccguccccgcccc	7 to 29	0.010
89	bbu-mir-1287	ccaaaccaguugugccuguag	ucacaggcacggccaguugagcauuuucacugaauugCCAAACCAGUUGGCCUGUAGa	39 to 59	0.010
90	bbu-mir-1288	cagcguuacacugcugggaga	uuccgugguucccagcaguagucagcugccggggacagccauuccugugaCAGCGUUACAC UGCUGGGAGAGgaa	50 to 70	0.010
91	bbu-mir-1292	gagcaccugaauccuuuccauu	AGCACCCUGAAUCUUUCCCAUUCucugcugcuucgugcugguguggggacagauggugcu	1 to 21	0.020
92	bbu-mir-1293	uccauggggguuucccgacag	gaaaUCCAAUGGGGUUCCCCGCACAGguucgaauccuguucgugacgggcgcuuuuuuu ccccuucagggugugugugaaggaaaccucuuggcuuc	5 to 27	0.050
93	bbu-mir-1296	ggacuccggcaggacgcacagca	cugugguuuuucuguuccccugugcucaguucucaggGGACTCCGGCAGGACGCACAG	38 to 58	0.050
94	bbu-mir-1298	ccccacugcuaauuugacug	aggcugguccgaugguagugguuaccagaacuuuuacauuagugucacuaaaguugg uauacaacCCCCACUGCUAUUUUGACUGgcuu	68 to 90	0.010
95	bbu-mir-1300	cuggcaccugcagggauugcu	gcaggcuagugucugcaggucccaagcccucuguucaggaucCUGGCACCUGCAGGGAAU GCUGccugc	43 to 63	0.040
96	bbu-mir-1301	ccuggugaugacagaugacauug	ggaggauCCUGGUGAUGACAGAUGACAUUGucagccaauccccacaugggagugaggaca uguccugcaauucugaagggauucucu	8 to 30	0.099
97	bbu-mir-1305	guccaguuuuccaggaaucc	ccucacgGUCCAGUUUCCCAGGAAUCCuuagaugcuaagauggggauuccuggaaaua cuguucugagg	8 to 28	0.010
98	bbu-mir-1306	aguggggaaccuuccaugag	ggguAGUGGGGAACCCUCCAUGAGgaguagaacacuccuuugcaagaaucccuucua cu	5 to 25	0.010
99	bbu-mir-1307	aagaguucauucagguuuuuug	uggccgAAGAGUUCAUUCAGGUUUUUUGguaagaucuuacagaaaaaccugaaugaacgc uuuagcca	7 to 28	0.010
100	bbu-mir-1310	aaaacuggaugaacuuuuugc	uggguugaccaauaguucauuuuggauuuuuuccauagcaucuuacggaAAAACUGGAAUGA ACUUUUUGCcaaccca	48 to 69	0.010
101	bbu-mir-1312	cgucaaccauccagcuguuug	aaaaguucCGUCAACCAUCCAGCUGUUUGaggugaugcaaacaaacaucugguugguuga gagaauuuuu	9 to 29	0.010
102	bbu-mir-1313	ugugacagauugauaacugaa	cagacaucucggggaucaucaugucacgagauaccacugugcacuUGUGACAGAUUGAUA ACUGAAaggucug	46 to 66	0.010

SN	microRNA	Mature miRNA Seq (5'-3')	PremicroRNA Sequence (5'-3')	Position	P_Val
103	bbu-mir-1301	gaaaaguucguucggguuuuuc	uaauuggguuuggcuGAAAAGUUCGUUCGGGUUUUUCcauaagaacucaaaauaacuuuuug gccaaccagua	14 to 35	0.010
104	bbu-mir-1307	uagcagcacguaaaauuugggugu	UAGCAGCACGUAAAUAUUGGUGUuaagauucuaaaauuucuccaguuuaacugugcug cug	1 to 23	0.010
105	bbu-mir-1308	agagguguagaauaaguggga	caugAGAGGUGUAGAAUAAGUGGGAGggcccccggcgcccccccgccccgguuucccgcga ggggggcgggguguguccgacucuuagcgaccgcaug	5 to 25	0.040
106	bbu-mir-1309	gagucggguugcuugggaaugca	gguagcggcccccggcgcccgggcccgggucuuucccgGAGUCGGGUUGCUUGGGAAUGC Agcc	39 to 61	0.030
107	bbu-mir-1315	ugauauagacagcaggacggu	guugguUGAUUAUAGACAGCAGGACGGUggccauggaagucggaauccgcuaaggagugug uaacaacucaccugccgaaucaacuagc	7 to 27	0.099
108	bbu-mir-1325	uugcaugacucugagaguaagu	aaggaggcacuugcuuucagggaccugcaaguacugguccaucuUUGCAUGACUCUGAG AGUAAGUgcccuccu	46 to 67	0.010
109	bbu-mir-1327	uucaccaccuuccaccag	ggguagagagggcaguggggagguaaagagcucuuaccccUUCACCACCUUCUCCACCC	39 to 57	0.020
110	bbu-mir-1336	gggcgcgcgccgcggcuggacga	gucggucgggucggggcgcgaagcggggcuGGGCGCGCGCCGCGGCUGGACGAggc	31 to 53	0.020
111	bbu-mir-1338	ucaacaacauuuauugugugcc	guaggccucaguaaauguuuauuggaugaaauaauggcucaUCAACAAACAUUUAU UGUGUGCCUgc	46 to 68	0.010
112	bbu-mir-1405	aucucagguuugucagcccgc	ggugccuucaggacuguccaaccugagaauggugagcauccagggacaAUCUCAGGUUUG UCAGCCCCGCaaggugcc	49 to 69	0.010
113	bbu-mir-1432	gggaagugaugauacuuaugac	cGGGAAGUGAUGAUACUUAUGACuccugacagugcgcugauuuucacccguauucguacu ggcugaucccagugugccccuuccug	2 to 23	0.020
114	bbu-mir-1438	uauugcacaugacuaaguugca	guggaggUAUUGCACAUGACUAAGUUGCAuguugucacggccucagugcaauuuuaguaug ugugauuuuuucac	8 to 29	0.010
115	bbu-mir-1505	uccacaucccucacaguuggu	cuccgggUCCACAUCCCUCACAGUUUGGUgcuggaaugaaaaccccaggcuguggaauug uugaccaggg	8 to 29	0.010
116	bbu-mir-1508	acaggcuaggagaaugauugg	AGGCUAGGAGAAAUGAUUGGauagaaaauuuuauucuaauucauuuauucccagccu	1 to 20	0.010
117	bbu-mir-1513	aaaccguuaccuuacugagu	uuugggguggcgaggAAACCGUUACCAUUACUGAGUuuaguaaugguaacggguucucuugc ugcaccag	15 to 35	0.010
118	bbu-mir-1532	agcagaguggcgcagcgggaagc	guuAGCAGAGUGGCGCAGCGGAAGCgugcuggggccauaacccagaggucgauggaucga aaccauccucugcuauuugcggugucuuuuuguugau	4 to 25	0.030
119	bbu-mir-1542	ccucauguggaauuuaguug	ugcggcaacuaaagauuccacaugcuguacaacaaagugaauccgauguaCCUCAUGUGG AAUCUUUAGUUGuggca	50 to 72	0.010

SN	microRNA	Mature miRNA Seq (5'-3')	PremicroRNA Sequence (5'-3')	Position	P_Val
120	bbu-mir-1556	uaauccuugcuaccugggugag	cccucucUAAUCCUUGCUACCUGGGUGAGagugcuuucugaaugcaaugcaccugggcaa ggauucugagagagggg	8 to 29	0.010
121	bbu-mir-1602	gcacgaggccccggguucaaucc	uguagggggguguagcucagugguagagcgcgugcuuagcauGCACGAGGCCCCCGGUUCA AUCCccggca	42 to 64	0.010
122	bbu-mir-1604	gcagagaggaaagaggcucgg	cgugaucuuccccgcacugccccuagaggcgcugcaggcguggcugccgugucacgucug cgucaugaggugGCAGAGAGGAAAAGAGGCUCG	73 to 92	0.040
123	bbu-mir-1605	uagcagcacguaaaauuggu	ugccuUAGCAGCACGUAAAUAUUGGUguaaagauucuaaaauaauccaguuuaacug ugcugcugaagua	6 to 26	0.010
124	bbu-mir-1608	gcggguaaacggcgggaguaac	gugauuucugccuauugcucugaauguuaaagugaagaaaucaaugaagcGCGGGUAAA CGGCGGGAGUAAC	52 to 73	0.020
125	bbu-mir-16110	gaaaagagcaccggcugagacg	ggcuggcugcggugauguucugcaguuaccuacauuguuugauccugugGAAAAGAGCAC CGGCUGAGACGccugcc	50 to 71	0.079
126	bbu-mir-1639	guaugaggccccggguucgau	ggggauuguagcucagugguagagcgcgaugcuucgcauGUAUGAGGCCCCCGGUUCGAUcc cc	38 to 58	0.089
127	bbu-mir-1644	auugaggucuauccgauggg	UGAGGUCUAUCCCGAUGGGgcuuuuucuauaaacuacaucguuggaaacgccuca	1 to 19	0.010
128	bbu-mir-1645	ggaccagagcaccuagaagc	gaggcuuugguuugcacgguccauucuaaucccugccggucagccuguggccugccaggg uucgcuuguGGACCAGAGCACCCUAGAAGCcuu	70 to 90	0.030
129	bbu-mir-1658	ugagaacugaauuccauaggu	ucagcuuUGAGAACUGAAUCCAUAGGUugugucagugucagaccugugaaguuuaguuc uuuagcugg	8 to 28	0.010
130	bbu-mir-1659	ccaauuuuccauguuccugugc	gauuggcauaggaacauggaagauugucagucaucaucauuuucugCCAUUUUCCAUGU UCCUGUGCaguc	47 to 68	0.010