

**Table S1. The predominant small-RNA reads**

	Reads	%
<b>#Pri-miR-136</b>		
ucaacgggugaugagagccucggaggACUCCAUUUGUUUGAUGAUGauucuaaagcuccAUCAUCGUCUCAAUAGUCUUcagaggguucaucaugucgucgguugg		
...XXXXXXXXUGAUGAGCCUCGGA.....	2421	29.2
...XXXXXXXXGAUGAGCCUCGGAGG.....	5652	68.2
.....ACUCCAUUUGUUUGAXXXXXXXXXX.....	623037	96.0
.....CAUCAUCGUCUCAAUXXXXXXXXX.....	30846	37.6
.....AUCAUCGUCUCAAUGXXXXXXXXX.....	38690	47.1
.....UCAUCGUCUCAAUGAXXXXXXXXXX.....	9285	11.3
.....UCAGAGGGUUCUAUCAAXXXXXXXXXX.....	154	91.1
<b>#Pri-miR-140</b>		
ggcgcgcccugugugucucucuguguccugcCAGUGGUUUUACCCUAUGGUAGguuacgucaugcugucUACCACAGGGUAGAACACCGAacaggauaccgggaccucugcugc		
.....XXXXXXXXUCUCUCUGUGUCCUGC.....	11705	94.7
.....CAGUGGUUUUACCCXXXXXXXXXXXXX.....	128992	97.7
.....UACCACAGGGUAGAAXXXXXXXXXXX.....	81350	54.3
.....ACCACAGGGUAGAACCXXXXXXXXXX.....	63609	42.5
.....AGGAUACCGGGGCACXXXXXXXXXX.....	909	87.2
<b>#Pri-miR-323</b>		
cuacugcugcugcuugguacuuggagagAGGUGGUCCGUGGCGGUUCGcucauuuauggcGCACAUUACACGGUCGACCUCUuugcgguaucauaucggccuugcg		
...XXXXXXXXCUUGGUACUUGGAGAG.....	2787	99.9
.....AGGUGGUCCGUGGCGGUXXXXXX.....	57	80.3
.....GCACAUUACACGGUCGACXXXXXXXX.....	4856	14.6
.....CACAUUACACGGUCGAXXXXXXXXX.....	26355	79.5
.....UUGCGGUACUAAUCCXXXXXXXXXX.....	51	100.0
<b>#Pri-miR-363</b>		
augaaaugaacuguuugcuguuauCAGGUGGAACCGAUGCAUUUugguugguuaaagagagaaAAUUGCACGGUAUCCAUCUGUAaaccgcaggaccuauguggacag		
..XXXXXXXXAACUGUUUUGCUGUUAU.....	582	97.7
.....CAGGUGGAACCGAUGCXXXXXXXXXX.....	6088	96.5
.....AAUUGCACGGUAUCCAXXXXXXXXXX.....	45010	73.7
.....AUUGCACGGUAUCCAUCXXXXXXXXX.....	14127	23.1
.....AACCGCAGGACCUAUGUGGA...	2	100.0
<b>#pri-miR-383</b>		
aaacuccacgucaccuguccucAGAUCAGAAGGUGACUGUGGCUuugggguggauuuuaucagCCACAGCACUGCCUGGUCAGAaagagcaaguguccuagccuuuac		
..XXXXCCACGUCACCUGCUCCU.....	369	43.4
..XXXXXCACGUCACCUGCUCCUC.....	480	56.4
.....CAGAUCAAGAAGGUGACXXXXXXXXXX.....	12366	39.7
.....AGAUCAGAAGGUGACUXXXXXXXXX.....	18110	58.2
.....CCACAGCACUGCCUGGUCAGXXX.....	4202	83.3
.....CACAGCACUGCCUGGUCAGXXX.....	717	14.2
.....AAGAGCAAGUGUCCUAGCXXXXXXXXX.....	348	18.9
.....AGAGCAAGUGUCCUAGCXXXXXXXXX.....	966	52.5
.....GAGCAAGUGUCCUAGCXXXXXXXXX.....	457	24.8
<b>#Pri-miR-409</b>		
ccgagccucuccgugguacucggagagAGGUUACCCGAGCAACUUUGCAUcuggagagacGAAUGUUGCUCGGUGAACCCUUuuucgguaucaaaucuccagggagcc		
.....XXCCGUGGUACUCGGAGAG.....	90	100.0
.....AGGUUACCCGAGCAACXXXXXXXXXX.....	1387	96.3
.....CGAAUGUUGCUCGGUGXXXXXXXXXX.....	2705	24.5
.....GAAUGUUGCUCGGUGAACXXXXXXXXX.....	6134	55.6

.....AAUGUUGCUCGGUGAACCCXXXXXX.....	1475	13.4							
.....UUUCGGUAUCAAUCCCUCCA.....	12	100.0							
#Pri-miR-411									
ggcgucucugugugguacuuggagagaUAGUAGACCGUAUAGCGUACGcuuuauucugugacgUAUGUAAACACGGUCCACUAACCcucaguaucuuuaucccauucccgaggccccc	Reads	%							
..XXXXXXXXXGUGGUACUUGGAGAGA.....	3478	63.0							
..XXXXXXXXXUGGUACUUGGAGAGAU.....	1689	30.6							
.....AUAGUAGACCGUAUAGXXXXXX.....	55922	42.3							
.....UAGUAGACCGUAUAGCXXXXXXXXXXXX.....	72577	54.9							
.....UAUGUAAACACGGUCCAXXXXXXX.....	143197	95.0							
.....CCUCAGUAUCAAUCCAUCCX.....	21	33.3							
.....CCUCAGUAUCAAUCCAUXXXXXXXXXXXXXX.....	33	52.4							
.....CUCAGUAUCAAUCCAUCCXXXXXX.....	5	7.9							
#miR-203	repliacte 1		repliacte 2		repliacte 3		%		
uucugugucaggcgccgucgucAGUGGUUCUUGACAGUUAACAAGuucugugacacaaauGUGAAAUGUUUAGGACCACUAGaccggcgcgacggcgggcgacga	Reads	%	Reads	%	Reads	%	Average	Sd	
..XXXXXXXXXGUGGUACUUGGAGAGA.....	1263	99.7	1525	99.8	1098	99.8	99.8	0.08	
.....AGUGGUUCUUGACAGUUAACAAGUUCUGUAGCACAUAUUGGAAAUGUUUAGGACCACUAG.....	1895	95.9	4921	96.7	2442	95.8	96.1	0.49	
.....AGUGGUUCUUGACAGUUAACAAGUUCUUGGAGAGAU.....	645	93.9	765	98.2	672	93.6	95.2	2.57	
.....GUGAAAUGUUUAGGACCXXXXXXXXXX.....	6198	53.9	6561	49.9	5460	51.0	51.6	2.09	
.....UGAAAUGUUUAGGACCXXXXXXXXXX.....	4580	39.8	5984	45.5	4628	43.2	42.8	2.84	
.....ACCGGCGCGCACGGCXXXXXX.....	20	100.0	35	100.0	21	100.0	100.0	0.00	
#miR-203 U-A	repliacte 1		repliacte 2		repliacte 3		%		
uucugugucaggcgccgucgucAGUGGUUCUUGACAGUUAACAAGuucugugacacaaauGUGAAAUGUUUAGGACCACUAGaccggcgcgacggcgggcgacga	Reads	%	Reads	%	Reads	%	Average	Sd	
XXXXXXXXXXGUGGUACUUGGAGAGA.....	1794	99.4	817	99.8	1505	99.7	99.6	0.21	
.....AGUGGUUCUUGACAGUUAACAAGUUCUGUAGCACAUAUUGGAAAUGUUUAGGACCACUAG.....	4297	94.4	5386	96.1	2568	92.1	94.2	2.01	
.....AGUGGUUCUUGACAGUUAACAAGUUCUUGGAGAGAU.....	918	94.6	901	96.4	980	96.7	95.9	1.14	
.....GUGAAAUGUUUAGGACCXXXXXXXXXX.....	5464	50.3	6075	51.5	6605	49.8	50.5	0.87	
.....UGAAAUGUUUAGGACCXXXXXXXXXX.....	4772	43.9	5172	43.9	6022	45.4	44.4	0.90	
.....ACCGGCGCGCACGGCXXXXXX.....	35	100.0	13	100.0	18	100.0	100.0	0.00	
#miR-203 G-U	repliacte 1		repliacte 2		repliacte 3		%		
uucugugucaggcgccgucgucAGUGGUUCUUGACAUUUAACAAGuucugugacacaaauGUGAAAUGUUUAGGACCACUAGaccggcgcgacggcgggcgacga	Reads	%	Reads	%	Reads	%	Average	Sd	
XXXXXXXXXXGUGGUACUUGGAGAGA.....	1497	99.5	827	99.5	1426	99.7	99.6	0.12	
.....AGUGGUUCUUGACAUUUAACAAGUUCUGUAGCACAUAUUGGAAAUGUUUAGGACCACUAG.....	3411	92.3	3868	93.7	4668	94.0	93.3	0.91	
.....AGUGGUUCUUGACAUUUAACAAGUUCUUGGAGAGAU.....	1335	95.8	1479	95.9	1466	94.8	95.5	0.61	
.....GUGAAAUGUUUAGGACCXXXXXXXXXX.....	5579	49.6	5645	47.3	5803	49.3	48.8	1.23	
.....UGAAAUGUUUAGGACCXXXXXXXXXX.....	4804	42.7	5530	46.4	5146	43.7	44.3	1.89	
.....ACCGGCGCGCACGGCXXXXXX.....	32	100.0	2	100.0	14	100.0	100.0	0.00	
#miR-203 m0	repliacte 1		repliacte 2		repliacte 3		%		
uucugugucaggcgccgucgucAGUGGUUCUUGACAUUUAACAAGuucugugacacaaauGUGAAAUGUUUAGGACCACUAGaccggcgcgacggcgggcgacga	Reads	%	Reads	%	Reads	%	Average	Sd	
XXXXXXXXXXGUGGUACUUGGAGAGA.....	1324	99.7	1075	99.1	1805	99.4	99.4	0.30	
.....AGUGGUUCUUGACAUUUAACAAGUUCUGUAGCACAUAUUGGAAAUGUUUAGGACCACUAG.....	2508	91.0	3623	92.5	3465	93.5	92.3	1.26	
.....AGUGGUUCUUGACAUUUAACAAGUUCUUGGAGAGAU.....	929	95.3	1475	95.9	1395	96.9	96.0	0.81	
.....GUGAAAUGUUUAGGACCXXXXXXXXXX.....	4697	54.3	6442	52.8	5404	55.1	54.1	1.16	
.....UGAAAUGUUUAGGACCXXXXXXXXXX.....	3129	36.2	4751	39.0	3470	35.4	36.8	1.88	
.....ACCGGCGCGCACGGCXXXXXX.....	23	100.0	17	100.0	47	100.0	100.0	0.00	
#miR-203 ΔA	repliacte 1		repliacte 2		repliacte 3		%		
uucugugucaggcgccgucgucAGUGGUUCUUGACAGUUCACAGUucugugacacaaauGUGAAAUGUUUAGGACCACUAGaccggcgcgacggcgggcgacga	Reads	%	Reads	%	Reads	%	Average	Sd	
XXXXXXXXXXGUGGUACUUGGAGAGA.....	1111	100.0	784	100.0	549	99.6	99.9	0.23	

.....AGUGGUUCUUGACAGUUCACAGUUCUGUAGCACAAUUGUGAAAUGUUUAGGACCACUAG.....	2118	96.0	5349	97.8	316	94.9	96.2	1.46
.....AGUGGUUCUUGACAGUXXXXXXXXXXXXX.....	4133	100.0	6661	98.6	1226	95.2	97.9	2.47
.....GUGAAAUGUUUAGGACXXXXXXXXXX.....	773	6.8	947	6.4	321	5.6	6.3	0.61
.....UGAAAUGUUUAGGACXXXXXXXXXX.....	9892	87.3	13338	90.2	5022	87.9	88.5	1.51
.....ACCCGGCGCGCACGGCXXXXXXXXXX	34	94.0	15	100.0	17	100.0	98.0	3.48
#miR-203 ΔC	repliacte 1		repliacte 2		repliacte 3		%	
uucugugugcaggcgcgccugguccAGUGGUUCUUGACAGUCAAAGUucuguagcacaauuGUGAAAUGUUUAGGACCACUAGaccggcgcgccaggcgcgacga	Reads	%	Reads	%	Reads	%	Average	Sd
XXXXXXXXXXCAGGCGCGCCUGGUCC.....	993	99.6	702	100.0	1304	99.4	99.7	0.31
.....AGUGGUUCUUGACAGUUCACAGUUCUUGUAGCACAAUUGUGAAAUGUUUAGGACCACUAG.....	1956	97.2	2364	97.6	2142	95.4	96.7	1.17
.....AGUGGUUCUUGACAGUXXXXXXXXXXXXX.....	229	88.4	415	92.4	333	88.8	89.9	2.20
.....GUGAAAUGUUUAGGACXXXXXXXXXX.....	6546	83.1	7168	82.6	6824	81.4	82.4	0.86
.....UGAAAUGUUUAGGACXXXXXXXXXX.....	746	9.5	876	10.1	914	10.9	10.2	0.72
.....ACCCGGCGCGCACGGCXXXXXXXXXX	23	100.0	10	100.0	28	100.0	100.0	0.00
#miR-203 C→G	repliacte 1		repliacte 2		repliacte 3		%	
uucugugugcaggcgcgccugguccAGUGGUUCUUGACAGUCAAAGUucuguagcacaauuGUGAAAUGUUUAGGACCACUAGaccggcgcgccaggcgcgacga	Reads	%	Reads	%	Reads	%	Average	Sd
XXXXXXXXXXCAGGCGCGCCUGGUCC.....	920	99.6	576	99.3	1437	99.9	99.6	0.30
.....AGUGGUUCUUGACAGUUCACAGUUCUUGUAGCACAAUUGUGAAAUGUUUAGGACCACUAG.....	1355	94.9	2064	97.5	1702	95.9	96.1	1.31
.....AGUGGUUCUUGACAGUXXXXXXXXXXXXX.....	627	94.7	492	91.1	540	95.4	93.7	2.31
.....GUGAAAUGUUUAGGACXXXXXXXXXX.....	7282	93.9	5961	92.3	7608	94.2	93.5	1.01
.....ACCCGGCGCGCACGGCXXXXXXXXXX	16	100.0	7	100.0	26	92.9	97.6	4.10
#miR-203 A3→C	repliacte 1		repliacte 2		repliacte 3		%	
uucugugugcaggcgcgccugguccAGUGGUUCUUGACAGUCAAACGUucuguagcacaauuGUGAAAUGUUUAGGACCACUAGaccggcgcgccaggcgcgacga	Reads	%	Reads	%	Reads	%	Average	Sd
XXXXXXXXXXCAGGCGCGCCUGGUCC.....	1079	99.8	586	100.0	1040	99.6	99.8	0.20
.....AGUGGUUCUUGACAGUUCACAGUUCUUGUAGCACAAUUGUGAAAUGUUUAGGACCACUAG.....	2472	96.0	1732	96.1	1135	95.2	95.8	0.49
.....AGUGGUUCUUGACAGUXXXXXXXXXXXXX.....	621	96.0	480	96.6	328	94.3	95.6	1.19
.....GUGAAAUGUUUAGGACXXXXXXXXXX.....	4949	84.5	2901	84.0	3947	85.2	84.6	0.60
.....UGAAAUGUUUAGGACXXXXXXXXXXXXX.....	531	9.1	290	8.4	328	7.1	8.2	1.01
.....ACCCGGCGCGCACGGCXXXXXXXXXX	19	100.0	9	100.0	28	100.0	100.0	0.00
#miR-203 CA→GC	repliacte 1		repliacte 2		repliacte 3		%	
uucugugugcaggcgcgccugguccAGUGGUUCUUGACAGUCAAACGUucuguagcacaauuGUGAAAUGUUUAGGACCACUAGaccggcgcgccaggcgcgacga	Reads	%	Reads	%	Reads	%	Average	Sd
XXXXXXXXXXCAGGCGCGCCUGGUCC.....	722	99.4	598	99.3	997	99.7	99.5	0.21
.....AGUGGUUCUUGACAGUUCACAGUUCUUGUAGCACAAUUGUGAAAUGUUUAGGACCACUAG.....	1723	95.8	1682	97.1	1284	95.0	96.0	1.06
.....AGUGGUUCUUGACAGUUCXXXXXXXXXXXXX.....	360	88.5	355	86.8	302	85.1	86.8	1.70
.....GUGAAAUGUUUAGGACXXXXXXXXXXXXX.....	683	80.4	753	79.3	756	80.3	80.0	0.61
.....UGAAAUGUUUAGGACCACUXXXX.....	45	5.3	50	5.3	60	6.4	5.7	0.64
.....ACCCGGCGCGCACGGCGGXXXXXXXXXX	13	100.0	4	100.0	16	100.0	100.0	0.00
#miR-203 m AU	repliacte 1		repliacte 2		repliacte 3		%	
uucugugugcaggcgcgccugguccAGUGGUUCUUGACAGUCAAACAGUucuguagcacaauuGUUGAAAUGUUUAGGACCACUAGaccggcgcgccaggcgcgacga	Reads	%	Reads	%	Reads	%	Average	Sd
.....XXXXXXXXXAGGCGCGCCUGGUCC.....	580	99.7	1104	100.0	715	99.3	99.7	0.35
.....AGUGGUUCUUGACAGUUCACAGUUCUUGUAGCACAAUUGUGAAAUGUUUAGGACCACUAG.....	497	93.6	322	92.5	723	94.0	93.4	0.78
.....AGUGGUUCUUGACAGUUCAXXX.....	137	93.2	201	94.4	218	96.0	94.5	1.40
.....UUGAAAUGUUUAGGACXXXXXXXXXXXXX.....	4045	91.2	8306	92.0	7983	93.9	92.4	1.39
.....ACCCGGCGCGCACGGCGGCX.....	5	100.0	10	100.0	10	100.0	100.0	0.00
#miR-203 mm AC	repliacte 1		repliacte 2		repliacte 3		%	
uucugugugcaggcgcgccugguccAGUGGUUCUUGACAGUCAAACAGUucuguagcacaauuGCUGAAAUGUUUAGGACCACUAGaccggcgcgccaggcgcgacga	Reads	%	Reads	%	Reads	%	Average	Sd
.....XXXXXXXXXAGGCGCGCCUGGUCC.....	978	99.4	893	100.0	644	100.0	99.8	0.35
.....AGUGGUUCUUGACAGUXXXXXXXXXXXXX.....	372	93.7	355	92.2	181	95.3	93.7	1.55

.....CUGAAAUGUUUAGGACXXXXXXXX.....	10797	95.1	9094	95.9	4358	97.0	<b>96.0</b>	0.93
.....ACCCGGCGCGCACGGCGGCXX..	12	100.0	10	100.0	12	100.0	<b>100.0</b>	0.00
#miR-203 A1-C	repliacte 1		repliacte 2		repliacte 3			%
uuucugugucaggcgccgucgucAGUGGUUCUUGACAGUUCACAGuucuguagcacaauuGUGAAAUGUUUAGGACCACUAGaccgcgcgccacggcgccgacga	Reads	%	Reads	%	Reads	%	Average	Sd
..XXXXXXXXXAGGCGCGCCUGGUCC.....	1074	99.5	1453	99.9	1427	99.5	<b>99.6</b>	0.23
.....AGUGGUUCUUGACAGUUCACAGUUCUGUAGCACAAUUGUGAAAUGUUUAGGACCACUAG.....	2447	95.3	3108	96.4	1140	93.8	<b>95.2</b>	1.31
.....AGUGGUUCUUGACAGUUCXXXXXXXXX.....	274	99.3	601	98.4	504	96.0	97.9	1.71
.....GUGAAAUGUUUAGGACXXXXXXXXX.....	693	8.8	1048	7.5	1066	7.8	<b>8.0</b>	0.68
.....UGAAAUGUUUAGGACXXXXXXXXX.....	6337	80.7	12132	86.4	11505	84.5	<b>83.9</b>	2.90
.....ACCCGGCGCGCACGGCGGCXX..	13	100.0	12	100.0	31	100.0	<b>100.0</b>	0.00
#miR-203 A2-U	repliacte 1		repliacte 2		repliacte 3			%
uuucugugucaggcgccgucgucAGUGGUUCUUGACAGUUCACAGuucuguagcacaauuGUGAAAUGUUUAGGACCACUAGaccgcgcgccacggcgccgacga	Reads	%	Reads	%	Reads	%	Average	Sd
..XXXXXXXXXAGGCGCGCCUGGUCC.....	1089	99.8	1075	99.6	1637	99.9	<b>99.8</b>	0.15
.....AGUGGUUCUUGACAGUUCACAGUUCUGUAGCACAAUUGUGAAAUGUUUAGGACCACUAG.....	4792	98.3	2775	96.6	1619	95.1	<b>96.7</b>	1.60
.....AGUGGUUCUUGACAGUUCXXXXXXXXX.....	273	98.2	272	94.4	344	96.6	96.4	1.91
.....GUGAAAUGUUUAGGACXXXXXXXXX.....	8305	89.3	10710	90.2	11180	90.9	<b>90.1</b>	0.80
.....ACCCGGCGCGCACGGCGGCXX..	18	100.0	9	100.0	31	100.0	<b>100.0</b>	0.00
#miR-302a	repliacte 1		repliacte 2		repliacte 3			%
uuuccaagacugggcuccccaccACUUAACGUGGAUGUACUUGCUuugaaacuaaagaagUAAGUGCUUCCAUGUUUUGGUGAugguaagucuuuuuac	Reads	%	Reads	%	Reads	%	Average	Sd
..XXXGACUGGGCUCGCCACC.....	29	100.0	19	100.0	24	92.3	<b>97.4</b>	4.45
.....GACUGGGCUCGCCACCACU.....	0	0.0	0		2	7.7	<b>3.9</b>	5.44
.....ACUUAACGUGGAUGUACUUGCUUUGAAACUAAAGAAGUAAGUGCUUCCAUGUUUUGGUGA.....	870	86.2	1032	79.0	877	85.4	<b>83.5</b>	3.95
.....UAAACGUGGAUGUACUUGCUUUGAAACUAAAGAAGUAAGUGCUUCCAUGUUUUGG.....	71	7.0	192	14.7	89	8.7	<b>10.1</b>	4.05
.....ACUUAACGUGGAUGUACUUGGXX.....	153	13.8	153	12.4	105	12.4	12.9	0.81
.....UAAACGUGGAUGUACUUXXXXXXXXXX.....	838	75.4	963	78.0	699	82.3	78.6	3.48
.....UAAGUGCUUCCAUGUUUUGGUGA.....	3645	86.6	4784	87.7	3948	86.9	<b>87.1</b>	0.61
.....AAGUGCUUCCAUGUUUUGGUGA.....	339	8.1	402	7.4	327	7.2	<b>7.5</b>	0.45
#miR-302a+C	repliacte 1		repliacte 2		repliacte 3			%
uuuccaagacugggcuccccaccACUUAACGUGGAUGUACUUGCUuugaaacuaaagaagUAAGUGCUUCCAUGUUUUGGUGAugguaagucuuuuuac	Reads	%	Reads	%	Reads	%	Average	Sd
..XXXGACUGGGCUCGCCACC.....	14	56.0	9	64.3	5	31.2	<b>50.5</b>	17.22
.....XCUGGGCUCGCCACCACU.....	11	44.0	5	35.7	11	68.7	<b>49.5</b>	17.17
.....ACUUAACGUGGAUGUACUUGCUUUGAAACUAAAGAAGUAAGUGCUUCCAUGUUUUGGUGA.....	816	86.9	470	83.5	607	75.6	<b>82.0</b>	5.80
.....UAAACGUGGAUGUACUUGCUUUGAAACUAAAGAAGUAAGUGCUUCCAUGUUUUGG.....	61	6.5	61	10.8	158	19.7	<b>12.3</b>	6.73
.....ACUUAACGUGGAUGUACUUXXXXXXXXXX.....	94	11.4	61	0.1	56	9.6	7.0	6.06
.....UAAACGUGGAUGUACUUXXXXXXXXXX.....	665	80.6	443	0.8	503	85.8	55.7	47.64
.....UAAGUGCUUCCAUGUUUUGGUGA.....	2902	88.5	1812	87.4	2192	90.4	<b>88.8</b>	1.51
.....AAGUGCUUCCAUGUUUUGGUGA.....	105	3.2	67	3.2	57	2.3	<b>2.9</b>	0.50
#miR-302a+G	repliacte 1		repliacte 2		repliacte 3			%
uuuccaagacugggcuccccaccACUUAACGUGGAUGUACUUGCUuugaaacuaaagaagUAAGUGCUUCCAUGUUUUGGUGAugguaagucuuuuuac	Reads	%	Reads	%	Reads	%	Average	Sd
..XXXGACUGGGCUCGCCACC.....	26	55.3	27	44.2	22	43.1	<b>47.5</b>	6.75
.....XCUGGGCUCGCCACCACU.....	21	44.7	32	52.5	29	56.9	<b>51.4</b>	6.18
.....ACUUAACGUGGAUGUACUUGCUUUGAAACUAAAGAAGUAAGUGCUUCCAUGUUUUGGUGA.....	969	79.0	967	85.0	829	74.2	<b>79.4</b>	5.41
.....UAAACGUGGAUGUACUUGCUUUGAAACUAAAGAAGUAAGUGCUUCCAUGUUUUGG.....	176	14.3	114	10.0	229	20.5	<b>14.9</b>	5.28
.....ACUUAACGUGGAUGUACUUGGXX.....	97	8.6	52	8.3	84	9.7	<b>8.9</b>	0.74
.....UAAACGUGGAUGUACUUXXXXXXXXXX.....	989	87.3	496	79.4	680	78.3	<b>81.7</b>	4.91
.....GUAAGUGCUUCCAUGUXXXXXXXXX.....	1081	30.3	655	26.1	978	29.2	<b>28.6</b>	2.19
.....UAAGUGCUUCCAUGUUUUGGUGA.....	2098	58.9	1552	61.9	1900	56.8	<b>59.2</b>	2.57
.....AAGUGCUUCCAUGUUUUGGUGA.....	185	5.2	145	5.8	232	6.9	<b>6.0</b>	0.88

#miR-506	repliacte 1		repliacte 2		repliacte 3		%	
ucagccaauacuauguguagugccuUAUUCAGGAAGGUGUACUUAuagauuaauuuugUAAGGCACCCUUCUGAGUAGauaaugugcaacauggacaacau	Reads	%	Reads	%	Reads	%	Average	Sd
XXXXXXXXXACUAUGUGUAGUGCCU.....	10	58.8	8	80.0	7	100.0	79.6	20.60
.....UAUUCAGGAAGGUGUACUUAUAGAUUAUAUUUGUAAGGCACCCUUCUGAGUAGA.....	191	99.0	193	98.0	120	100.0	99.0	1.00
.....UAUUCAGGAAGGUGUXXXXXXXXXXXXX.....	324	89.0	369	92.7	237	92.9	91.5	2.20
.....UGUAAGGCACCCUUCXXXXXXXXXX.....	306	29.1	264	28.1	231	26.1	27.8	1.52
.....GUAAGGCACCCUUCGXXXXXXXXXXXXX.....	693	65.9	622	66.2	604	68.2	66.8	1.29
#miR-506 A→C	repliacte 1		repliacte 2		repliacte 3		%	
ucagccaauacuauguguagugccuUAUUCAGGAAGGUGUACUUAuagauuaauuuugUAAGGCACCCUUCUGAGUAGauaaugugcaacauggacaacau	Reads	%	Reads	%	Reads	%	Average	Sd
...XCAUACUAUGUGUAGUGCCU.....	4	100.0	4	100.0	3	100.0	100.0	0.00
.....UAUUCAGGAAGGUGUACUUAUAGAUUAUAUUUGUAAGGCACCCUUCUGAGUAGA.....	66	100.0	128	100.0	103	100.0	100.0	0.00
.....UAUUCAGGAAGGUGUACUXXXXX.....	148	89.2	187	88.2	152	98.1	91.8	5.45
.....UAAGGCACCCUUCGAGXXXXXXXXXX.....	797	95.0	1292	96.0	1584	96.3	95.8	0.68
#miR-506 AU→UC	repliacte 1		repliacte 2		repliacte 3		%	
ucagccaauacuauguguagugccuUAUUCAGGAAGGUGUACUUAUCagauuaauuuugUAAGGCACCCUUCUGAGUAGauaaugugcaacauggacaacau	Reads	%	Reads	%	Reads	%	Average	Sd
XXXXXXXXXAUACUAUGUGUAGUGCCU.....	41	93.2	55	88.7	28	100.0	94.0	5.69
.....UAUUCAGGAAGGUGUACUUAUCAGAUUAUAUUUGUAAGGCACCCUUCUGAGUAGA.....	1156	98.5	1421	98.3	694	98.2	98.3	0.15
.....UAUUCAGGAAGGUGUUAUXXXXXXXXXX.....	858	93.3	912	91.7	722	92.0	92.3	0.85
.....GUAAGGCACCCUUCGAXXXXXXXXXX.....	3356	85.0	3950	86.6	3657	87.6	86.4	1.31
.....UAAGGCACCCUUCUGAGUXXXXX.....	434	11.0	470	10.3	375	9.0	10.1	1.02

The predominant small-RNA reads. Representative reads of cloned small RNAs are shown. Reads with the same ends were merged. "X" indicates the positions at which these reads might end. The raw small-RNA data for lengths of ~22 nt are found in Datasets S1 and S2 and small-RNA data for lengths in the pre-miRNA range are found in Dataset S3. moR reads are highlighted in blue. Pre-miRNA reads are highlighted in Red.