Table 4 Putative novel miRNAs identified in this study that are differentially expressed between KC3-WS and Suvin-WS

S. No	Contig number	Mature sequence	Reads (RPKM)*		Fold Change[$]
			KC3-WS	Suvin-WS	
1.	Contig_4796	GCCUCCAGAAGAUACAUUAGCACCAUGGGAUAU	7.29372	5.46745	3.546 down
2.	Contig_8004	UGCCAAAUCAGGGAAGCGAAAG	6.7624	5.60693	2.227 down
3.	Contig_16568	UUUCCAUCAUAUUAUUCGCCAUG	17.41518	14.09761	9.969 down
4.	Contig_14218	AGAUGCAGUAUGGGUUGUGAUUGAUAAGCUAAC	7.27723	4.866	5.319 down
5.	Contig_15122	UGGAAGGUUUGGAGGAGAUUGA	6.61113	8.02587	2.666 up
6.	Contig_16528	GUAAGGGAGAUCUAGAUUCAUAA	13.88788	12.15502	3.323 down
7.	Contig_15303	CCAACGACCGAAGUUAUUGUUCC	7.44543	3.37123	16.844 down
8.	Contig_14086	AUCAACCGUGUUACUCUGUCUAAUC	8.45815	8.85407	1.315 up
9.	Contig_20063	UCUGUCGCAGGGGAGAUGGCUG	5.51943	3.37123	4.432 down
10.	Contig_15835	GAAGAGAUCACUUCUAUCUGU	6.58521	6.10724	1.392 down
11.	Contig_1094	GACACGAACACGUGUUGCUGCUCAACCACC	9.99151	11.22683	2.354 up
12.	Contig_8575	GUCACACACGGUCUAGACACACGCC	7.51461	7.53694	1.015 up
13.	Contig_16564	GAACCCUUUGUUGGAGAGUCC	8.33933	5.15551	9.087 down
14.	Contig_13633	UGUGUGUUUCGCGCGUGGACGACGUAA	7.42923	5.866	2.955 down
15.	Contig_17693	UUAUAGGUCUUUCAUUUAAAGU	9.24686	7.03592	4.629 down
16.	Contig_11693	UAUGACCUACAAGCUUACCGGAGA	8.47363	5.32543	8.865 down
17.	Contig_21397	UUGCAGUCGCAGAACUCCGUACCU	8.73666	7.54782	2.279 down
18.	Contig_18244	CAUUCCAGUGAUUUCCAGAGGC	8.59916	6.67335	3.799 down
19.	Contig_21146	AGUUCCUUCAAAUUCUUCAAC	10.00731	6.25504	13.475 down
20.	Contig_18155	AUUAAAGUAGUGUCCUGCAAACU	8.87607	3.80187	33.688 down
21.	Contig_15570	UGUGUUUCGCGCGUGGACGACG	10.88209	12.21473	2.518 up
22.	Contig_15717	GGCUGUGGUUGAUUCGGCAAGA	8.49962	6.45096	4.137 down
23.	Contig_20599	UGAAACAAACAUAUUUACAUUGUCGAUACA	6.82977	4.41854	5.319 down
24.	Contig_21324	UCACAUUUACUUGGCAAGUGAU	7.86219	6.18793	3.191 down
25.	Contig_20427	UGGCAAGUGAUUGUGCGCCACG	7.9402	5.45096	5.614 down
26.	Contig_21332	AACAUGGCGAAUAAUAUGAUGGAAAU	6.62118	7.94692	2.506 up
27.	Contig_18969	UCACAGGGAUCAAAAUUGGGA	8.84684	6.25504	6.028 down
28.	Contig_7495	UCCAGAAGAUACAUUAGCACCAUGGGAUAU	7.56674	5.74047	3.546 down
29.	Contig_5490	GGAAGUGGGGUGCGAGGAAAGAUCA	11.78397	13.88125	4.279 up
30.	Contig_17372	AUCAACCGUGUUACUCUGUCUAAUC	9.36582	8.07389	2.448 down
31.	Contig_15837	UUUCUAAAGCUCUAGAUAACGUUA	10.22495	8.49536	3.316 down
32.	Contig_16924	AGCUCGUUAUCGAGAAUUCAAUAUGUUGUGUC	5.95905	3.32543	6.205 down
33.	Contig_12125	UGAGGGUCCAAGACUGACCUCC	9.0142	10.64736	3.101 up
34.	Contig_20315	UCAGCGCGACCUGCCGACGUG	7.66627	3.93311	13.298 down
35.	Contig_4359	UGGACUUGGAUACGUUGAAGAAGUGG	8.09512	11.56163	11.054 up
36.	Contig_14297	GUAAGGGAGAUCCUAGAUUCA	9.34434	6.51808	7.092 down

*- RPKM: reads per kilo base million

[$] - Differential expression in fold change (up or down regulation in Suvin-WS)