

Table S3. Statistics of differentially expressed mirnas in potato

miR_name	miR_seq	up/down	log2(fold_change)	pvalue
stu-miR6024-5p	AGAAACAACACTTGCTAAAAGA	down	-4.13	0.000000
stu-miR8044-5p	TTTCAAATATGGTTGGAGATG	down	-3.38	0.000009
stu-miR8020	AATTCATTGAGTATGTTGTTGTT	down	-3.23	0.000056
stu-MIR8006-p3_1	AATGTCCCAAAAAGTATGACGGAGG	down	-3.21	0.000056
stu-MIR8006-p3_2	ACCAATGTCCCAAAAAGTATGACGG	down	-3.21	0.000056
stu-miR171b-3p	TTGAGCCGCGTCAATATCTCT	down	-3.01	0.000000
stu-miR167d-3p_L+2	CAGATCATGTGGTTGCTTCACC	down	-2.72	0.000000
stu-miR8023	TTTGGCACAATTTTCATTGGCAACC	down	-2.61	0.000000
stu-miR8011a-3p_1ss13CT	AATAAAAAAGAAGTCTCACACAAC	down	-2.38	0.000000
stu-miR8023_1ss9AT	TTTGGCACTATTTTCATTGGCAACC	down	-2.31	0.001165
stu-miR8008a_2ss22AG24TC	ATTTCCAGAAAAGCGACGGACGGC	down	-2.05	0.041512
stu-miR477a-5p	CCTCTCCCTCAAGGGCTTCTC	down	-1.94	0.000000
stu-miR172a-3p	AGAATCTTGATGATGCTGCAT	down	-1.94	0.000000
stu-miR8041a-3p	ATGATGTATAGCAAAGAGCCT	down	-1.88	0.001666
stu-miR477b-5p	ACTCTCCCTCAAAGGCTTCTG	down	-1.84	0.000000
stu-miR391-5p_L-1R+2	ACGCAGGAGAGATGATGCTGGA	down	-1.77	0.000000
stu-miR6149-3p	TGATTCAGGTTTGATGCAAAC	down	-1.72	0.046580
stu-miR5303g_L-3_1ss19AG	TTTTTGAAGAGTCTGGGCAAC	down	-1.71	0.046580
stu-miR7122-5p	TTATACAGAGAAACCGTGTCG	down	-1.67	0.002838
stu-MIR162a-p3	AAGCGATCGATAAACCTCTGCATC	down	-1.65	0.000000
stu-miR8044-3p	TCTCCAGCGATATTTGAAACT	down	-1.58	0.000000
stu-miR8016	ATTTTGAATGGAAGGCCCATGTG	down	-1.50	0.000463
stu-miR167b-3p_L+4	ATCAGATCATGTGGCAGCATCACC	down	-1.47	0.000000
stu-MIR1886a-p3_1ss15TC	ATTTTACGCTGATTCCATCTCATG	down	-1.42	0.000594
stu-MIR7997c-p3_2ss7GA17GA	TTTTTGAAGAGTCCGAACAAC	down	-1.40	0.000845
stu-miR6149-5p	TTGCAACACACCTGAATCGTC	down	-1.34	0.000000
stu-MIR8007a-p3	ACTTAACTGTTTGACTCTCGAAA	down	-1.34	0.000005
stu-miR162a-5p_L+1	TGGAGGCAGCGGTTTCATCGATC	down	-1.33	0.000000
stu-miR482a-3p	TTTCCAATTCCACCCATTCTTA	down	-1.23	0.000000
stu-MIR7985-p3_1ss14GA	AGCTCGTCGCACCAGGCTTGCC	down	-1.12	0.015864
stu-MIR7984b-p5_1ss2TG	AGGACCTTTTACCCCTGCACTATT	down	-1.09	0.000272
stu-MIR7984d-p5_1ss6AC	AGGACCTTTTACCCCTGCACTATT	down	-1.09	0.000272
stu-MIR8007b-p5	ATTCAAACAAGTCTATCTTTGACC	down	-1.08	0.010939
stu-miR8036-3p	TATGTCTTTCCGATGCCTCCCA	down	-1.07	0.000000
stu-miR171b-5p_1ss12TC	AGATATTGATGCGGCTCAATC	down	-inf	0.004274
stu-miR3627-5p	TCGCAGGAGAGATGGCACTTAG	down	-inf	0.000078
stu-miR6026-5p_1ss12TA	AATACAACATATAGCCAAGACAA	down	-inf	0.000295
stu-miR8000_1ss13TC	ACACCGAAGAACCGACACCGAAGA	down	-inf	0.016480
stu-MIR8001a-p3_2ss17TC20TC	AAATTTTCATACTAATCCCCAGAA	down	-inf	0.032469

stu-MIR8006-p5_1ss11AG	CATACTTTTGGGACATTG	up	inf	0.024060
stu-miR8006-5p_2ss14AG17GC	TAGTTTTTGGACGGCACGGGCACC	down	-inf	0.004274
stu-miR8007b-5p_1ss6AG	ATGTGGCACTTTTGAATTTTCGAG	down	-inf	0.000295
stu-miR8025-5p	ACATACTCGACATGCAATTAAATT	down	-inf	0.000000
stu-MIR8032b-p3_1ss24GC	AGGTTTTTCAGTGTGAGTCGGTGCC	down	-inf	0.000000
stu-miR530_L-2R+2	TGCATTTGCACCTGCACCTTA	up	1.00	0.000000
stu-miR397-3p_R-2	CATCAACGCTACACTCAAT	up	1.11	0.000001
stu-miR397-5p_1ss17AG	ATTGAGTGCAGCGTTGGTGAC	up	1.25	0.020057
stu-miR408a-3p	TGCACAGCCTCTTCCCTGGTT	up	1.52	0.000000
stu-MIR8001b-p5	GGGATTAGTATGAAAATTTGCAGG	up	1.60	0.022609
stu-miR827-5p	TTTGTGTATGGTCATCTATTC	up	1.69	0.002803
stu-miR8010_1ss17AG	ATAGGACCCTAGTTAAGTTTAGGT	up	1.79	0.048672
stu-miR319-3p_L+1R-1_1s17CT	CTTGGA CTGAAGGGTTTCCTT	up	2.00	0.000000
stu-miR408b-3p	TGCACTGCCTCTTCCCTGGCT	up	2.05	0.000000
stu-miR398a-3p	TATGTTCTCAGGTCGCCCCCTG	up	2.13	0.000000
stu-miR398a-5p	GGGTTGATTTGAGAACATATG	up	2.98	0.000000
stu-MIR319-p5_1ss18CT	TGCTGCTGAATCATTGGTTC	up	3.00	0.000000
stu-MIR5303j-p5_2ss10GT17CT	ATTCAAATTTCTGCCCTA	up	4.60	0.000000
stu-miR166a-5p_1ss1GN	NGAATGTTGTCTGGCTCGAGG	up	7.20	0.024060
PC-3p-74531_17	AAAAATCCCCATGTAATTCACAGT	down	-3.88	0.000105
PC-3p-28523_59	TTATTTTCACCTGACAAGACT	down	-3.63	0.000646
PC-5p-94557_13	AGCGACGGACAACGTCTCTTTGTC	down	-3.26	0.003919
PC-3p-117522_10	AACGACATAGATGAGCCAACTTT	down	-2.78	0.000936
PC-3p-51799_27	AAGAAGAGTGAGATGAAGTCT	down	-2.61	0.041258
PC-5p-82220_15	TTCTAGGATATAAATTGCACTACT	down	-2.53	0.004925
PC-5p-65932_20	TAAAGGCTTCCTTGAGGCACC	down	-2.05	0.041512
PC-5p-42915_35	TTTTACACGTGGCCAATTATAATT	down	-1.91	0.000000
PC-5p-138631_8	TCAACTATCCAGTCTTTCCTCAGA	down	-1.76	0.030368
PC-3p-41009_37	ATAATTGGCCACGTGTA AAAAATG	down	-1.42	0.003941
PC-3p-25777_66	ATCACTACCATCAACATTGT	down	-1.25	0.005612
PC-5p-27109_63	GACGAGTGAGGCTTGCTCAGTTGG	down	-1.04	0.007960
PC-3p-230042_5	CAAGGCTAGGACAGATGGAAAGAA	down	-inf	0.008384
PC-3p-134074_9	ATAGTTCAAGTAGAAAAAGGGAAT	down	-inf	0.016480
PC-5p-119431_10	TCTTAGGCCTAATTCACACCC	down	-inf	0.008384
PC-3p-37841_41	GATAGTGCAGGTAGGAACTCACA	down	-inf	0.000011
PC-5p-160083_7	GTTGAACAAGTAGACACATGAGCC	down	-inf	0.000040
PC-5p-61065_22	AAAGTGGACAACATAAAAAGGGACG	down	-inf	0.000295
PC-3p-122052_10	AAAACAAC TCACTTCAAGCCT	down	-inf	0.016480
PC-3p-178233_6	AAAGCGACATCCGGAGGTCGGTAT	down	-inf	0.000574
PC-5p-137760_8	TGTTCTTGTGGTTTCTTGGA	down	-inf	0.032469

PC-3p-179656_6	AGTTGTCAGTTGAGACCAAGTTGA	down	-inf	0.032469
PC-3p-206768_6	GTTGACACCTAATTTTGACCCGCC	down	-inf	0.000295
PC-5p-107179_11	GAGTTTCCTACCTGAACTATCACC	up	1.93	0.009480
PC-5p-656396_2	ACTTCCTGATCACATGGCGACAAC	up	2.28	0.017658
PC-3p-291253_4	TAAGGTAGGGCGCTCTTCGA	up	4.60	0.000005
