Table S3. Statistics of differentially expressed miRNAs in potato

miRNA Name	Mature Sequence	Gene Length	Genome ID
stu-miR156d-5p	TTGACAGAAGATAGAGAGCAC	21	chr06
stu-miR156f-3p	CTCACTTCTCTTTCTGTCAATC	22	chr12
stu-miR156h-3p	GCTCACTGCTCTATCTGTCACC	22	chr08
stu-miR156i-3p	GCTCACTGCTCTATCTGTCACC	22	chr08
stu-miR156j-3p	GCTCACTGCTCTATCTGTCACC	22	chr08
stu-miR156k-3p	GCTCACTGCTCTATCTGTCACC	22	chr08
stu-miR162a-5p	GGAGGCAGCGGTTCATCGATC	21	chr03
stu-miR162b-5p	GGAGGCAGCGGTTCATCGATC	21	chr06
stu-miR164-3p	CATGTGCTCTAGCTCTCCAGC	21	chr06
stu-miR166d-5p	AGAATGTCGTCTGGTTCGAGA	21	chr06
stu-miR167a-5p	TGAAGCTGCCAGCATGATCTA	21	chr06
stu-miR167b-3p	GATCATGTGGCAGCATCACC	20	chr09
stu-miR167b-5p	TGAAGCTGCCAGCATGATCTA	21	chr09
stu-miR167c-3p	GGTCATGCTCGGACAGCCTCACT	23	chr09
stu-miR167c-5p	TGAAGCTGCCAGCATGATCTA	21	chr09
stu-miR167d-3p	GATCATGTGGTTGCTTCACC	20	chr09
stu-miR167d-5p	TGAAGCTGCCAGCATGATCTA	21	chr09
stu-miR169d-3p	GCAGGTCATCTTTAGCTAACT	21	chr07
stu-miR171b-3p	TTGAGCCGCGTCAATATCTCT	21	chr07
stu-miR172b-5p	GCAGCACCATCAAGATTCACA	21	chr05
stu-miR172d-3p	GGAATCTTGATGATGCTGCAG	21	chr05
stu-miR1919-3p	ACGAGAGTCATCTGTGACAGG	21	chr08
stu-miR319a-5p	AGAGCTTTCTTCGGTCCACAC	21	chr08
stu-miR384-5p	TTGGCATTCTGTCCACCTCC	20	chr01
stu-miR390-3p	CGCTATCCATCTTGAGTTTTA	21	chr10
stu-miR390-5p	AAGCTCAGGAGGGATAGCACC	21	chr10
stu-miR391-3p	GCATCATACTCCTGCATATT	20	chr06
stu-miR391-5p	TACGCAGGAGAGATGATGCTG	21	chr06
stu-miR393-3p	ATCATGCGATCTCTTCGGAAT	21	chr03
stu-miR395a	CTGAAGTGTTTGGGGGAACTC	21	chr03
stu-miR395b	CTGAAGTGTTTGGGGGAACTC	21	chr03
stu-miR395c	CTGAAGTGTTTGGGGGAACTC	21	chr05
stu-miR395d	CTGAAGTGTTTGGGGGAACTC	21	chr05
stu-miR395e	CTGAAGTGTTTGGGGGAACTC	21	chr05
stu-miR395f	CTGAAGTGTTTGGGGGAACTC	21	chr05
stu-miR395g	CTGAAGTGTTTGGGGGAACTC	21	chr05
stu-miR395h	CTGAAGTGTTTGGGGGAACTC	21	chr05
stu-miR395i	CTGAAGTGTTTGGGGGAACTC	21	chr05
stu-miR395j	CTGAAGTGTTTGGGGGAACTC	21	chr05
stu-miR396-3p	GTCCAAGAAAGCTGTGGGAAA	21	chr07
stu-miR396-5p	TTCCACAGCTTTCTTGAACTT	21	chr07

stu-miR397-3p	CATCAACGCTACACTCAATCA	21	chr07
stu-miR397-5p	ATTGAGTGCAGCGTTGATGAC	21	chr07
stu-miR398a-3p	TATGTTCTCAGGTCGCCCCTG	21	chr11
stu-miR398b-3p	TTGTGTTCTCAGGTCACCCCT	21	chr03
stu-miR399i-5p	GGGCTACACTCTATTGGCATG	21	chr03
stu-miR408a-5p	ACAGGGACGAGGCAGCGCATG	21	chr01
stu-miR408b-3p	TGCACTGCCTCTTCCCTGGCT	21	chr01
stu-miR408b-5p	ACGGGGACGAGACAGAGCATG	21	chr01
stu-miR477b-5p	ACTCTCCCTCAAAGGCTTCTG	21	chr01
stu-miR479	TGAGCCGAACCAATATCACTC	21	chr03
stu-miR482a-3p	TTTCCAATTCCACCCATTCCTA	22	chr03
stu-miR482a-5p	GGAATTGGTGGATTGGAAAGC	21	chr03
stu-miR482b-5p	GGAGTGGGTGGCATGGTAAGA	21	chr06
stu-miR482d-3p	TCTTGCCTACACCGCCCATGCC	22	chr06
stu-miR6022	TGGAAGGGAGAATATCCAGGA	21	chr11
stu-miR6024-5p	AGAAACAACACTTGCTAAAAGA	22	chr01
stu-miR6026-5p	AATACAACTATTGCCAAGACAA	22	chr01
stu-miR6027	TGAATCCTTCGGCTATCCATAA	22	chr10
stu-miR6149-3p	TGATTCAGGTTTGTATGCAAAC	22	chr11
stu-miR6149-5p	TTGCAACACACCTGAATCGTC	21	chr11
stu-miR7122-3p	ACAGCGTTTCTCTGTATAACC	21	chr11
stu-miR7980b-5p	GTCCAAACACTGATTCCATCTCAT	24	chr03
stu-miR7981-3p	ATAGGACTTTAGTTTAGTTAAGGT	24	chr08
stu-miR7998	ACGGACCGTAGATCAATCCACAGT	24	chr04
stu-miR8001b-5p	ATGGGGATTAGTATGAAAATTTGC	24	chr02
stu-miR8011a-5p	TTGTGTGAGGTTTCTTTTTGTTTC	24	chr01
stu-miR8014-5p	ATTGTTTCATATTGTATTGTATTT	24	chr10
stu-miR8015-5p	TATTGGATATTGAAAATGAAACTT	24	chr06
stu-miR8016	ATTTTTGAATGGAAGGCCCATGTG	24	chr09
stu-miR8025-3p	TTTAATTGCATGCCAAGTGTGTGG	24	chr12
stu-miR8036-5p	GGAGGAATCGAAAGATATAAG	21	chr04
stu-miR8040-3p	CTTATAATTGTAATTATGATC	21	chr08
stu-miR8044-5p	TTTCAAATATGGTTGGAGATG	21	chr11
stu-miR8047	CCATTTTTTCGAAATTAGACC	21	chr12
stu-miR8050-3p	TGACTTGAGATTCCTACTTGG	21	chr09
stu-miR8051-5p	TAGTATGGTAGAAAGATTCA	20	chr04
stu-miR827-3p	TTAGATGAACATCAACAAACA	21	chr12
stu-miR827-5p	TTTGTTGATGGTCATCTATTC	21	chr12
novel_miR_1	AAGGTCATAGTTGTGAATTGATGC	24	chr06
novel_miR_100	TGCCAAAGGAGAATTGCCCTG	21	chr03
novel_miR_101	TGCACAGCCTCTTCCCTGGTTC	22	chr01
novel_miR_102	ATACAGTAGTAGAGGACAAACGTG	24	chr01
novel_miR_105	ATGTTTTCCTGTCACTACTAGC	22	chr07
novel_miR_106	ATAAATTCAGGATGGTCAATTAGT	24	chr03

novel_miR_107	CATTTTGAACATGAGATTGAGG	22	chr07
novel_miR_109	ATAACAAACAAGACATGAGAAAGG	24	chr05
novel_miR_11	GGGATGTTGTTTGGCTCGACA	21	chr01
novel_miR_112	AATAGGACCTCCGCAAACTTAAGG	24	chr09
novel_miR_115	TCATCTGTTGCAATTAATGAC	21	chr09
novel_miR_116	TGTCGCAGATGACTTTAGCTCTTC	24	chr08
novel_miR_119	CATTTTGAACATGAGATTGAGG	22	chr07
novel_miR_12	ATGTGTCATTCTGTTAAAATTAGG	24	chr01
novel_miR_121	TTGGACTGAAGGGAGCTCCTTT	22	chr03
novel_miR_125	TTGGTTGAGTGAGCATCTAAG	21	chr12
novel_miR_127	TCCTCGATTGGACGGTGCCTCC	22	chr07
novel_miR_132	AGAAAGACTTGTGAAACTTATGGT	24	chr11
novel_miR_134	TATTGAAGGCTCTTATGATCAG	22	chr04
novel_miR_135	CGACTTGTAAGCTCTATGCTTCA	23	chr12
novel_miR_138	GGAGAATGATGAGATCTTTGCATA	24	chr04
novel_miR_139	TCTTTCCTACTCCTCCCATACC	22	chr04
novel_miR_14	CATTTTGAACATGAGATTGAGG	22	chr07
novel_miR_140	AGTCACGGAGTGTGCCACATAAGC	24	chr09
novel_miR_141	AATAGGACCTCCGCAAACTTAAGG	24	chr01
novel_miR_143	TTCGGTCAAGAGGAAGAAACTTA	23	chr01
novel_miR_149	TTGGACTGAAGGGAGCTCCCTC	22	chr12
novel_miR_15	TAATTAATTGTTCAGCTCTTC	21	chr09
novel_miR_155	TGACTGATTTTACTTGATC	19	chr01
novel_miR_157	ATGTTTTCCTGTCACTACTAGC	22	chr11
novel_miR_16	TGATTGAGTGTAGCGTTGATG	21	chr07
novel_miR_167	AAAAAGTAGGATTGCACAGGC	21	chr06
novel_miR_168	ATGTTTTCCTGTCACTACTAGC	22	chr04
novel_miR_169	TGTATTATTGAGTAGACAAGTG	22	chr06
novel_miR_17	TCTAGATTTTGGACGGCAGGG	21	chr12
novel_miR_175	TTTGGATTGAAGGGAGCTCTA	21	chr03
novel_miR_176	TTGGACTGAAGGGAGCTCCCTC	22	chr08
novel_miR_18	CGGTATAAATTTAGGAACCCTTTT	24	chr03
novel_miR_181	ACTGACAGAAGAGAGTGAGC	20	chr12
novel_miR_183	ATCTCTCTCAATGATTGGCTCATC	24	chr12
novel_miR_185	ATACAGTAGTAGAGGACAAACGTG	24	chr01
novel_miR_188	TGAGTGCGTTTCGAGTTTTTGAGC	24	chr08
novel_miR_190	TTTGGTGTTGAATTAGTCTTATG	23	chr11
novel_miR_196	ATGTTTTCCTGTCACTACTAGC	22	scaffold_239
novel_miR_197	ACTTTTGAAGGATCTGACACACAC	24	chr03
novel_miR_199	ATGAGGAGGACGACAGACCC	20	chr04
novel_miR_202	ATGTTTTCCTGTCACTACTAGC	22	chr08
novel_miR_203	ATGTTTTCCTGTCACTACTAGC	22	chr01
novel_miR_204	TGGCTTCCAGTCATTTCTCCC	21	chr06
novel_miR_206	AATGTCGAACATAAGCTTAGTATT	24	chr03

novel_miR_207	TGGGTTGCTGTAGGATTGATG	21	chr10
novel_miR_210	GTTCAATAAAGCTGTGGGAAG	21	chr12
novel_miR_211	TTACTGAAGAACAAATTCCATG	22	chr02
novel_miR_213	TTATGTCTATTGGCGGTTTGG	21	chr08
novel_miR_214	AGACAAATAGAGTTGCTCGAATGG	24	chr02
novel_miR_218	ATAAATTCAGGATGGTCAATTAGT	24	chr03
novel_miR_25	CCCCTGCCGTCTAAAAACTAGAGC	24	chr03
novel_miR_28	TTTTCTGGAAGAATGATGACC	21	chr01
novel_miR_29	TCAACGCTACACTCAATCATG	21	chr07
novel_miR_31	TTGGTTGAGTGAGCATCTAAG	21	chr12
novel_miR_32	TATTGCTCCTTTCTTTTCAA	20	chr07
novel_miR_33	AGTTCTTGTAGGGTGAGACAAC	22	chr10
novel_miR_34	AGACAAACCTTAGAATTGAACATG	24	chr12
novel_miR_36	ACTGACAGAAGAGAGTGAGC	20	chr07
novel_miR_38	AATCTCTTGTATACTCTTAACATG	24	chr08
novel_miR_45	AAGACTGTTTGTTTTCTCAACATC	24	chr01
novel_miR_47	TGCACTGCCTCTTCCCTGGCTC	22	chr01
novel_miR_58	TGGCTTCCAGTCATTTCTCCC	21	chr06
novel_miR_59	AGACCTCTTGTGGAATTACACTGG	24	chr06
novel_miR_61	TGACTGATTTTACTTGATC	19	chr01
novel_miR_63	TTGGACTGAAGGGAGCTCCCTT	22	chr06
novel_miR_65	TGATGTTGGAATGGCTCAATC	21	chr06
novel_miR_67	TGATGTTGGAATGGCTCAATC	21	chr03
novel_miR_72	ATTAAGGAGTGTTTTTAAAATGGC	24	chr04
novel_miR_74	AAATATGGCCAGAGATGTTTG	21	chr11
novel_miR_75	AGAAAGACTTGTGAAACTTATGGT	24	chr11
novel_miR_76	GTTCAATAAGGCTGTGGGAAG	21	chr07
novel_miR_77	ACTTTTGAAGGATCTGACACACAC	24	chr03
novel_miR_81	ACCAAGGATTGTGACGAGATGGATA	25	chr08
novel_miR_87	TCTAGTTGTAGCCGGTCTATT	21	chr08
novel_miR_88	TTTCTGGTTGTAGATAAAAGTATC	24	chr11
novel_miR_89	AGGTGTCTTTTTGAAAACTCAGGA	24	chr01
novel_miR_9	ATAGGGACTACTAGGGTTTAGGATT	25	chr10
novel_miR_90	CTAGATTCACGCACAAACTCG	21	chr01
novel_miR_91	TTGCTTTATTTGGGGTAGATGAGC	24	chr10
novel_miR_93	ATTTAATACCCTATATCACTTGGC	24	chr05
novel_miR_94	TGTTTTCCTGTTACTACTAGC	21	chr07