

Criteria for Annotation of Plant MicroRNAs

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Citation Report

#	ARTICLE	IF	CITATIONS
1	AGO1 Homeostasis Involves Differential Production of 21-nt and 22-nt miR168 Species by MIR168a and MIR168b. PLoS ONE, 2009, 4, e6442.	1.1	88
2	Clusters and superclusters of phased small RNAs in the developing inflorescence of rice. Genome Research, 2009, 19, 1429-1440.	2.4	283
3	Uncovering Small RNA-Mediated Responses to Phosphate Deficiency in Arabidopsis by Deep Sequencing. Plant Physiology, 2009, 151, 2120-2132.	2.3	631
4	Review of Current Methodological Approaches for Characterizing MicroRNAs in Plants. International Journal of Plant Genomics, 2009, 2009, 1-11.	2.2	62
5	Genome-Wide <i>Medicago truncatula</i> Small RNA Analysis Revealed Novel MicroRNAs and Isoforms Differentially Regulated in Roots and Nodules. Plant Cell, 2009, 21, 2780-2796.	3.1	270
6	Identification of Nutrient-Responsive Arabidopsis and Rapeseed MicroRNAs by Comprehensive Real-Time Polymerase Chain Reaction Profiling and Small RNA Sequencing. Plant Physiology, 2009, 150, 1541-1555.	2.3	414
7	Computational and analytical framework for small RNA profiling by high-throughput sequencing. Rna, 2009, 15, 992-1002.	1.6	112
8	MicroPC (¼PC): A comprehensive resource for predicting and comparing plant microRNAs. BMC Genomics, 2009, 10, 366.	1.2	32
9	Deep sequencing of Brachypodium small RNAs at the global genome level identifies microRNAs involved in cold stress response. BMC Genomics, 2009, 10, 449.	1.2	287
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15	Cloning and validation of novel miRNA from basmati rice indicates cross talk between abiotic and biotic stresses. Molecular Genetics and Genomics, 2009, 282, 463-74.	1.0	77
16	Novel microRNAs uncovered by deep sequencing of small RNA transcriptomes in bread wheat (<i>Triticum</i>) Tj ETQq1 1 0.784314 rgBT /Ove 499-511.	1.4	153
17	Conserved and novel miRNAs in the legume <i>Phaseolus vulgaris</i> in response to stress. Plant Molecular Biology, 2009, 70, 385-401.	2.0	235
18	Computational identification of microRNAs and their targets in wheat (<i>Triticum aestivum</i> L.). Science in China Series C: Life Sciences, 2009, 52, 1091-1100.	1.3	34

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19	Cloning and characterization of small non-coding RNAs from grape. <i>Plant Journal</i> , 2009, 59, 750-763.	2.8	133
20	A loop-to-base processing mechanism underlies the biogenesis of plant microRNAs miR319 and miR159. <i>EMBO Journal</i> , 2009, 28, 3646-3656.	3.5	191
21	Cloning and characterization of small RNAs from <i>Medicago truncatula</i> reveals four novel legume-specific microRNA families. <i>New Phytologist</i> , 2009, 184, 85-98.	3.5	162
22	MicroRNAs in the Rhizobia Legume Symbiosis. <i>Plant Physiology</i> , 2009, 151, 1002-1008.	2.3	63
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175	High throughput sequencing reveals novel and abiotic stress-regulated microRNAs in the inflorescences of rice. <i>BMC Plant Biology</i> , 2012, 12, 132.	1.6	157
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226	MicroRNAs and their putative targets in <i>Brassica napus</i> seed maturation. <i>BMC Genomics</i> , 2013, 14, 140.	1.2	99
227	Genome-wide identification of alternate bearing-associated microRNAs (miRNAs) in olive (<i>Olea</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 58	1.6	82
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282	Genome-wide identification and characterization of cadmium-responsive microRNAs and their target genes in radish (<i>Raphanus sativus</i> L.) roots. <i>Journal of Experimental Botany</i> , 2013, 64, 4271-4287.	2.4	117
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285	Parallel analysis of RNA ends enhances global investigation of microRNAs and target RNAs of <i>Brachypodium distachyon</i> . <i>Genome Biology</i> , 2013, 14, R145.	13.9	67
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293	Genome-Wide Analysis of Small RNA and Novel MicroRNA Discovery during Fiber and Seed Initial Development in <i>Gossypium hirsutum</i> . <i>PLoS ONE</i> , 2013, 8, e69743.	1.1	17
294	Unique and Conserved MicroRNAs in Wheat Chromosome 5D Revealed by Next-Generation Sequencing. <i>PLoS ONE</i> , 2013, 8, e69801.	1.1	41
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298	Microarray and Degradome Sequencing Reveal MicroRNA Differential Expression Profiles and Their Targets in <i>Pinellia pedatisecta</i> . <i>PLoS ONE</i> , 2013, 8, e75978.	1.1	8
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301	Mammalian miRNA curation through next-generation sequencing. <i>Frontiers in Genetics</i> , 2013, 4, 145.	1.1	36
302	Molecular Signatures in <i>Arabidopsis thaliana</i> in Response to Insect Attack and Bacterial Infection. <i>PLoS ONE</i> , 2013, 8, e58987.	1.1	67
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304	A Comprehensive Genome-Wide Study on Tissue-Specific and Abiotic Stress-Specific miRNAs in <i>Triticum aestivum</i> . <i>PLoS ONE</i> , 2014, 9, e95800.	1.1	76
305	Identification and Characterization of MicroRNAs in Small Brown Planthopper (<i>Laodelphax</i>) Tj ETQq1 1 0.784314 rgBT /Overlook 10 Tf 50	1.1	19
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308	Novel MiRNA and PhasiRNA Biogenesis Networks in Soybean Roots from Two Sister Lines That Are Resistant and Susceptible to SCN Race 4. <i>PLoS ONE</i> , 2014, 9, e110051.	1.1	25
309	Discovery of Novel Leaf Rust Responsive microRNAs in Wheat and Prediction of Their Target Genes. <i>Journal of Nucleic Acids</i> , 2014, 2014, 1-12.	0.8	28
310	Identification of novel and conserved microRNAs in <i>Coffea canephora</i> and <i>Coffea arabica</i> . <i>Genetics and Molecular Biology</i> , 2014, 37, 671-682.	0.6	15
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315	Automated Update, Revision, and Quality Control of the Maize Genome Annotations Using MAKER-P Improves the B73 RefGen_v3 Gene Models and Identifies New Genes. <i>Plant Physiology</i> , 2014, 167, 25-39.	2.3	53
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1158	Role of Non-coding RNAs in Disease Resistance in Plants. , 2024, , 167-190.		0