

# The *Physcomitrella* Genome Reveals Evolutionary Land by Plants

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Identification of a 4-coumarate:CoA ligase gene family in the moss, <i>Physcomitrella patens</i> . <i>Phytochemistry</i> , 2008, 69, 2449-2456.	1.4	58
3	Light-harvesting complexes of vascular plants. <i>Cellular and Molecular Life Sciences</i> , 2008, 65, 3619-3639.	2.4	77
4	Evidence for Importance of tRNA-Dependent Cytokinin Biosynthetic Pathway in the Moss <i>Physcomitrella patens</i> . <i>Journal of Plant Growth Regulation</i> , 2008, 27, 271-281.	2.8	21
5	Proteomic analysis of the response to high-salinity stress in <i>Physcomitrella patens</i> . <i>Planta</i> , 2008, 228, 167-177.	1.6	135
6	Gibberellin signaling. <i>Planta</i> , 2008, 229, 1-13.	1.6	93
7	Complex chloroplast RNA metabolism: just debugging the genetic programme?. <i>BMC Biology</i> , 2008, 6, 36.	1.7	87
8	The knock-out of ARP3a gene affects F-actin cytoskeleton organization altering cellular tip growth, morphology and development in moss <i>Physcomitrella patens</i> . <i>Cytoskeleton</i> , 2008, 65, 769-784.	4.4	43
9	IT3F: A web-based tool for functional analysis of transcription factors in plants. <i>Phytochemistry</i> , 2008, 69, 2417-2425.	1.4	18
10	QuantPrime – a flexible tool for reliable high-throughput primer design for quantitative PCR. <i>BMC Bioinformatics</i> , 2008, 9, 465.	1.2	452
11	Structural insights into the evolutionary paths of oxylipin biosynthetic enzymes. <i>Nature</i> , 2008, 455, 363-368.	13.7	254
12	Novel clades of chromodomain-containing Gypsy LTR retrotransposons from mosses (Bryophyta). <i>Plant Journal</i> , 2008, 56, 562-574.	2.8	17
14	Class 1 KNOX genes are not involved in shoot development in the moss <i>Physcomitrella patens</i> but do function in sporophyte development. <i>Evolution &amp; Development</i> , 2008, 10, 555-566.	1.1	157
15	Branching out in new directions: the control of root architecture by lateral root formation. <i>New Phytologist</i> , 2008, 179, 595-614.	3.5	280
16	Genomes of model organisms: know thy tools. <i>Environmental Microbiology</i> , 2008, 10, 1383-1391.	1.8	4
17	Actin depolymerizing factor is essential for viability in plants, and its phosphoregulation is important for tip growth. <i>Plant Journal</i> , 2008, 54, 863-875.	2.8	107
18	Duplications and functional divergence of ADP-glucose pyrophosphorylase genes in plants. <i>BMC Evolutionary Biology</i> , 2008, 8, 232.	3.2	34
19	Tracking the evolution of a cold stress associated gene family in cold tolerant grasses. <i>BMC Evolutionary Biology</i> , 2008, 8, 245.	3.2	69
20	Unique genes in plants: specificities and conserved features throughout evolution. <i>BMC Evolutionary Biology</i> , 2008, 8, 280.	3.2	37

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22	Unexpected complexity of the Aquaporin gene family in the moss <i>Physcomitrella patens</i> . <i>BMC Plant Biology</i> , 2008, 8, 45.	1.6	333
23	Type II NAD(P)H dehydrogenases are targeted to mitochondria and chloroplasts or peroxisomes in <i>Arabidopsis thaliana</i> . <i>FEBS Letters</i> , 2008, 582, 3073-3079.	1.3	97
24	TPPP orthologs are ciliary proteins. <i>FEBS Letters</i> , 2008, 582, 3757-3764.	1.3	31
25	Axoneme $\beta$ -Tubulin Sequence Determines Attachment of Outer Dynein Arms. <i>Current Biology</i> , 2008, 18, 911-914.	1.8	25
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28	Plant ABC proteins – a unified nomenclature and updated inventory. <i>Trends in Plant Science</i> , 2008, 13, 151-159.	4.3	652
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30	The plant B3 superfamily. <i>Trends in Plant Science</i> , 2008, 13, 647-655.	4.3	218
31	Evolution of developmental mechanisms in plants. <i>Current Opinion in Genetics and Development</i> , 2008, 18, 368-373.	1.5	43
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61	Sliced microRNA targets and precise loop-first processing of <i>MIR319</i> hairpins revealed by analysis of the <i>Physcomitrella patens</i> degradome. <i>Rna</i> , 2009, 15, 2112-2121.	1.6	186
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483	The endo- $\beta$ -1,4- $\alpha$ -glucanase <i>Korrigan</i> exhibits functional conservation between gymnosperms and angiosperms and is required for proper cell wall formation in gymnosperms. <i>New Phytologist</i> , 2012, 193, 1076-1087.	3.5	31
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1106	Structural Plasticity of Intrinsically Disordered LEA Proteins from <i>Xerophyta schlechteri</i> Provides Protection In Vitro and In Vivo. <i>Frontiers in Plant Science</i> , 2019, 10, 1272.	1.7	23
1107	EMS1 and BRI1 control separate biological processes via extracellular domain diversity and intracellular domain conservation. <i>Nature Communications</i> , 2019, 10, 4165.	5.8	44

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