

# Control of Arabidopsis apical–basal embryo polarity

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Ectopic Expression of LBD18/ASL20 Results in Arrest of Plant Growth and Development with Repression of AINTEGUMENTA and PLETHORA Genes. <i>Journal of Plant Biology</i> , 2010, 53, 214-221.	0.9	9
2	Regulation of transcription in plants: mechanisms controlling developmental switches. <i>Nature Reviews Genetics</i> , 2010, 11, 830-842.	7.7	178
4	The control of axillary meristem fate in the maize <i>ramosa</i> pathway. <i>Development (Cambridge)</i> , 2010, 137, 2849-2856.	1.2	157
5	Root Development—Two Meristems for the Price of One?. <i>Current Topics in Developmental Biology</i> , 2010, 91, 67-102.	1.0	134
6	The GATA Factor HANABA TARANU Is Required to Position the Proembryo Boundary in the Early Arabidopsis Embryo. <i>Developmental Cell</i> , 2010, 19, 103-113.	3.1	64
7	Phenotypic Consequences of Aneuploidy in <i>Arabidopsis thaliana</i> . <i>Genetics</i> , 2010, 186, 1231-1245.	1.2	103
8	Taking the very first steps: from polarity to axial domains in the early Arabidopsis embryo. <i>Journal of Experimental Botany</i> , 2011, 62, 1687-1697.	2.4	37
9	MADS and More: Transcription Factors That Shape the Plant. <i>Methods in Molecular Biology</i> , 2011, 754, 3-18.	0.4	15
10	Embryonic development in <i>Arabidopsis thaliana</i> : from the zygote division to the shoot meristem. <i>Frontiers in Plant Science</i> , 2011, 2, 93.	1.7	34
11	Ribosomal protein L27a is required for growth and patterning in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2011, 65, 269-281.	2.8	93
12	Establishment of the embryonic shoot apical meristem in <i>Arabidopsis thaliana</i> . <i>Journal of Plant Research</i> , 2011, 124, 211-219.	1.2	8
13	Patterning the embryo in higher plants: Emerging pathways and challenges. <i>Frontiers in Biology</i> , 2011, 6, 3-11.	0.7	4
14	Transcription factors regulating the progression of monocot and dicot seed development. <i>BioEssays</i> , 2011, 33, 189-202.	1.2	138
15	Coordinated histone modifications are associated with gene expression variation within and between species. <i>Genome Research</i> , 2011, 21, 590-598.	2.4	140
16	Structural characterization and expression pattern analysis of the rice <i>PLT</i> gene family. <i>Acta Biochimica Et Biophysica Sinica</i> , 2011, 43, 688-697.	0.9	29
17	The root endodermis: A hub of developmental signals and nutrient flow. <i>Plant Signaling and Behavior</i> , 2011, 6, 1954-1958.	1.2	13
18	A Per-ARNT-Sim-Like Sensor Domain Uniquely Regulates the Activity of the Homeodomain Leucine Zipper Transcription Factor REVOLUTA in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2011, 23, 567-582.	3.1	36
19	<i>RopGEF7</i> Regulates PLETHORA-Dependent Maintenance of the Root Stem Cell Niche in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2011, 23, 2880-2894.	3.1	55

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20	Antagonistic Gene Activities Determine the Formation of Pattern Elements along the Mediolateral Axis of the Arabidopsis Fruit. <i>PLoS Genetics</i> , 2012, 8, e1003020.	1.5	38
21	MicroRNA-Mediated Repression of the Seed Maturation Program during Vegetative Development in Arabidopsis. <i>PLoS Genetics</i> , 2012, 8, e1003091.	1.5	68
22	The <i>bps</i> signal. <i>Plant Signaling and Behavior</i> , 2012, 7, 698-700.	1.2	5
23	Diverse roles of Groucho/Tup1 co-repressors in plant growth and development. <i>Plant Signaling and Behavior</i> , 2012, 7, 86-92.	1.2	33
25	ATHB4 and HAT3, two class II HD-ZIP transcription factors, control leaf development in Arabidopsis. <i>Plant Signaling and Behavior</i> , 2012, 7, 1382-1387.	1.2	80
26	Of Blades and Branches: Understanding and Expanding the Arabidopsis Ad/Abaxial Regulatory Network through Target Gene Identification. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2012, 77, 31-45.	2.0	17
27	SPT6L Encoding a Putative WG/GW-Repeat Protein Regulates Apical-Basal Polarity of Embryo in Arabidopsis. <i>Molecular Plant</i> , 2012, 5, 249-259.	3.9	26
28	APETALA2 negatively regulates multiple floral organ identity genes in <i>Arabidopsis</i> by recruiting the co-repressor TOPLESS and the histone deacetylase HDA19. <i>Development (Cambridge)</i> , 2012, 139, 4180-4190.	1.2	277
29	Transcriptional Switches Direct Plant Organ Formation and Patterning. <i>Current Topics in Developmental Biology</i> , 2012, 98, 229-257.	1.0	19
30	A complex systems approach to Arabidopsis root stem-cell niche developmental mechanisms: from molecules, to networks, to morphogenesis. <i>Plant Molecular Biology</i> , 2012, 80, 351-363.	2.0	13
31	From thin to thick: major transitions during stem development. <i>Trends in Plant Science</i> , 2012, 17, 113-121.	4.3	79
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35	Plant Stem Cell Niches. <i>Annual Review of Plant Biology</i> , 2012, 63, 615-636.	8.6	280
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37	Stable establishment of cotyledon identity during embryogenesis in <i>Arabidopsis</i> by <i>ANGUSTIFOLIA3</i> and <i>HANABA TARANU</i> . <i>Development (Cambridge)</i> , 2012, 139, 2436-2446.	1.2	52
38	Evaluation of different embryogenic systems for production of true somatic embryos in Arabidopsis. <i>Biologia Plantarum</i> , 2012, 56, 401-408.	1.9	22

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40	Axis formation in <i>Arabidopsis</i> – transcription factors tell their side of the story. <i>Current Opinion in Plant Biology</i> , 2012, 15, 4-9.	3.5	19
41	<i>FHY3</i> promotes shoot branching and stress tolerance in <i>Arabidopsis</i> in an <i>AXR1</i> -dependent manner. <i>Plant Journal</i> , 2012, 71, 907-920.	2.8	64
42	Genome-wide binding-site analysis of <i>REVOLUTA</i> reveals a link between leaf patterning and light-mediated growth responses. <i>Plant Journal</i> , 2012, 72, 31-42.	2.8	120
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49	Stage-specific regulation of four HD-ZIP III transcription factors during polar pattern formation in <i>Larix leptolepis</i> somatic embryos. <i>Gene</i> , 2013, 522, 177-183.	1.0	26
50	The <i>Arabidopsis</i> embryo as a miniature morphogenesis model. <i>New Phytologist</i> , 2013, 199, 14-25.	3.5	76
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55	Genome-Wide Identification of KANADI1 Target Genes. <i>PLoS ONE</i> , 2013, 8, e77341.	1.1	61
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59	MicroRNA functions in plant embryos. <i>Biochemical Society Transactions</i> , 2014, 42, 352-357.	1.6	36
60	Genetic control of identity and growth in the early Arabidopsis embryo. <i>Biochemical Society Transactions</i> , 2014, 42, 346-351.	1.6	4
61	Homeodomain leucine zipper proteins and their role in synchronizing growth and development with the environment. <i>Journal of Integrative Plant Biology</i> , 2014, 56, 518-526.	4.1	46
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65	Signaling in shoot and flower meristems of <i>Arabidopsis thaliana</i> . <i>Current Opinion in Plant Biology</i> , 2014, 17, 96-102.	3.5	39
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88	Plant vascular development: from early specification to differentiation. Nature Reviews Molecular Cell Biology, 2016, 17, 30-40.	16.1	195
89	Characterization of miR061 and its target genes in grapevine responding to exogenous gibberellic acid. Functional and Integrative Genomics, 2017, 17, 537-549.	1.4	12
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103	Cs<sc>SPL</sc> functions as an adaptor between <sc>HD</sc>â€œ<sc>ZIP</sc>â€œ<sc>III</sc> and Cs<sc>WUS</sc> transcription factors regulating anther and ovule development in <i>Cucumis sativus</i> (cucumber). <i>Plant Journal</i> , 2018, 94, 535-547.	2.8	49
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114	Patterning the Axes: A Lesson from the Root. <i>Plants</i> , 2019, 8, 8.	1.6	19

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123	Phylogenomic analysis of the APETALA2 transcription factor subfamily across angiosperms reveals both deep conservation and lineage-specific patterns. <i>Plant Journal</i> , 2020, 103, 1516-1524.	2.8	22
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125	The Winner Takes It All: Auxinâ€™The Main Player during Plant Embryogenesis. <i>Cells</i> , 2020, 9, 606.	1.8	39
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134	Zygotic Embryogenesis in Flowering Plants. <i>Methods in Molecular Biology</i> , 2021, 2288, 73-88.	0.4	1



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136	From Stained Plant Tissues to Quantitative Cell Segmentation Analysis with MorphoGraphX. Methods in Molecular Biology, 2020, 2122, 63-83.	0.4	6
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156	A novel chemical inhibitor of polar auxin transport promotes shoot regeneration by local enhancement of HD-ZIP III transcription. New Phytologist, 2022, , .	3.5	3
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163	RWP-RK Domain 3 (OsRKD3) induces somatic embryogenesis in black rice. BMC Plant Biology, 2023, 23, .	1.6	0