

SUPERMAN prevents class B gene expression in the fourth whorl of *Arabidopsis thaliana* flowers

Proceedings of the National Academy of Sciences of the United States of America
114, 7166-7171

DOI: 10.1073/pnas.1705977114

Citation Report

#	ARTICLE	IF	CITATIONS
1	Regulation of floral meristem activity through the interaction of AGAMOUS, SUPERMAN, and CLAVATA3 in Arabidopsis. <i>Plant Reproduction</i> , 2018, 31, 89-105.	2.2	33
2	Characterization of a SUPERMAN-like Gene, MdSUP11, in apple (<i>Malus domestica</i> Borkh.). <i>Plant Physiology and Biochemistry</i> , 2018, 125, 136-142.	5.8	5
3	Characterization of somatic embryogenesis initiated from the Arabidopsis shoot apex. <i>Developmental Biology</i> , 2018, 442, 13-27.	2.0	33
4	Cys2/His2 Zinc-Finger Proteins in Transcriptional Regulation of Flower Development. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2589.	4.1	44
5	<scp>SUPERMAN</scp> regulates floral whorl boundaries through control of auxin biosynthesis. <i>EMBO Journal</i> , 2018, 37, .	7.8	85
6	Evolution and genetic control of the floral ground plan. <i>New Phytologist</i> , 2018, 220, 70-86.	7.3	38
7	Arabidopsis Cys2/His2 zinc-finger protein MAZ1 is essential for intine formation and exine pattern. <i>Biochemical and Biophysical Research Communications</i> , 2019, 518, 299-305.	2.1	14
8	The Roles of Plant Hormones and Their Interactions with Regulatory Genes in Determining Meristem Activity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4065.	4.1	67
9	CRABS CLAW and SUPERMAN Coordinate Hormone-, Stress-, and Metabolic-Related Gene Expression During Arabidopsis Stamen Development. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	5
10	Control of floral stem cell activity in Arabidopsis. <i>Plant Signaling and Behavior</i> , 2019, 14, 1659706.	2.4	17
11	Developmental mechanisms involved in the diversification of flowers. <i>Nature Plants</i> , 2019, 5, 917-923.	9.3	46
12	The Roles of Arabidopsis C1-2i Subclass of C2H2-type Zinc-Finger Transcription Factors. <i>Genes</i> , 2019, 10, 653.	2.4	59
13	Epigenetic aspects of floral homeotic genes in relation to sexual dimorphism in the dioecious plant <i>Mercurialis annua</i> . <i>Journal of Experimental Botany</i> , 2019, 70, 6245-6259.	4.8	10
14	Comprehensive genomic survey, structural classification and expression analysis of C2H2 zinc finger protein gene family in <i>Brassica rapa</i> L.. <i>PLoS ONE</i> , 2019, 14, e0216071.	2.5	28
15	Brassicaceae flowers: diversity amid uniformity. <i>Journal of Experimental Botany</i> , 2019, 70, 2623-2635.	4.8	21
16	A Growing Reputation for <i>FRUITFULL</i> Genes. <i>Plant Cell</i> , 2019, 31, 1220-1221.	6.6	0
17	Regulation of meristem maintenance and organ identity during rice reproductive development. <i>Journal of Experimental Botany</i> , 2019, 70, 1719-1736.	4.8	26
18	Molecular regulation of flower development. <i>Current Topics in Developmental Biology</i> , 2019, 131, 185-210.	2.2	75

#	ARTICLE	IF	CITATIONS
19	My favourite flowering image: an Arabidopsis inflorescence expressing fluorescent reporters for the APETALA3 and SUPERMAN genes. <i>Journal of Experimental Botany</i> , 2019, 70, e6499-e6501.	4.8	3
20	Visualization of Protein Coding, Long Noncoding, and Nuclear RNAs by Fluorescence in Situ Hybridization in Sections of Shoot Apical Meristems and Developing Flowers. <i>Plant Physiology</i> , 2020, 182, 147-158.	4.8	13
21	Molecular characterization and expression analysis reveal the roles of Cys2/His2 zinc-finger transcription factors during flower development of <i>Brassica rapa</i> subsp. <i>chinensis</i> . <i>Plant Molecular Biology</i> , 2020, 102, 123-141.	3.9	12
22	The genetic framework of shoot regeneration in <i>Arabidopsis</i> comprises master regulators and conditional fine-tuning factors. <i>Communications Biology</i> , 2020, 3, 549.	4.4	30
23	The VvSUPERMAN-like Gene Is Differentially Expressed between Bicarpellate and Tricarpellate Florets of <i>Vitis vinifera</i> L. Cv. ‘Xiangfei’™ and Its Heterologous Expression Reduces Carpel Number in Tomato. <i>Plant and Cell Physiology</i> , 2020, 61, 1760-1774.	3.1	4
24	Natural epialleles of <i>Arabidopsis</i> SUPERMAN display superwoman phenotypes. <i>Communications Biology</i> , 2020, 3, 772.	4.4	11
25	Molecular Mechanisms of the Floral Biology of <i>Jatropha curcas</i> : Opportunities and Challenges as an Energy Crop. <i>Frontiers in Plant Science</i> , 2020, 11, 609.	3.6	8
26	Imaging flowers: a guide to current microscopy and tomography techniques to study flower development. <i>Journal of Experimental Botany</i> , 2020, 71, 2898-2909.	4.8	25
27	Can the French flag and reaction-diffusion models explain flower patterning? Celebrating the 50th anniversary of the French flag model. <i>Journal of Experimental Botany</i> , 2020, 71, 2886-2897.	4.8	9
28	Floral organ development goes live. <i>Journal of Experimental Botany</i> , 2020, 71, 2472-2478.	4.8	15
29	MtSUPERMAN plays a key role in compound inflorescence and flower development in <i>Medicago truncatula</i> . <i>Plant Journal</i> , 2021, 105, 816-830.	5.7	17
30	Whole-transcriptome analysis of differentially expressed genes in the mutant and normal capitula of <i>Chrysanthemum morifolium</i> . <i>BMC Genomic Data</i> , 2021, 22, 2.	1.7	15
31	A multiscale analysis of early flower development in <i>Arabidopsis</i> provides an integrated view of molecular regulation and growth control. <i>Developmental Cell</i> , 2021, 56, 540-556.e8.	7.0	37
32	Molecular Control of Carpel Development in the Grass Family. <i>Frontiers in Plant Science</i> , 2021, 12, 635500.	3.6	11
33	Expression of KNUCKLES in the Stem Cell Domain Is Required for Its Function in the Control of Floral Meristem Activity in <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 704351.	3.6	7
34	The de novo transcriptome identifies important zinc finger signatures associated with flowering in the orchid <i>Arundina graminifolia</i> . <i>Scientia Horticulturae</i> , 2022, 291, 110572.	3.6	6
35	Auxin and Flower Development: A Blossoming Field. <i>Cold Spring Harbor Perspectives in Biology</i> , 2021, 13, a039974.	5.5	34
36	Ovule identity mediated by pre-mRNA processing in <i>Arabidopsis</i> . <i>PLoS Genetics</i> , 2018, 14, e1007182.	3.5	17

#	ARTICLE	IF	CITATIONS
38	Petal Cellular Identities. <i>Frontiers in Plant Science</i> , 2021, 12, 745507.	3.6	10
41	Comparison of chrysanthemum flowers grown under hydroponic and soil-based systems: yield and transcriptome analysis. <i>BMC Plant Biology</i> , 2021, 21, 517.	3.6	7
42	In Silico Functional Prediction and Expression Analysis of C2H2 Zinc-Finger Family Transcription Factor Revealed Regulatory Role of ZmZFP126 in Maize Growth. <i>Frontiers in Genetics</i> , 2021, 12, 770427.	2.3	6
43	SMALL REPRODUCTIVE ORGANS, a SUPERMAN-like transcription factor, regulates stamen and pistil growth in rice. <i>New Phytologist</i> , 2022, 233, 1701-1718.	7.3	11
44	The Genetic and Hormonal Inducers of Continuous Flowering in Orchids: An Emerging View. <i>Cells</i> , 2022, 11, 657.	4.1	12
45	Quantitative live imaging of floral organ initiation and floral meristem termination in <i>Aquilegia</i> . <i>Development (Cambridge)</i> , 2022, 149, .	2.5	5
46	An Integrated Analysis of Transcriptome and miRNA Sequencing Provides Insights into the Dynamic Regulations during Flower Morphogenesis in <i>Petunia</i> . <i>Horticulturae</i> , 2022, 8, 284.	2.8	5
47	Genotype-independent plant transformation. <i>Horticulture Research</i> , 2022, 9, uhac047.	6.3	21
56	Meristem Initiation and de novo Stem Cell Formation. <i>Frontiers in Plant Science</i> , 2022, 13, 891228.	3.6	8
57	Whole-transcriptome analysis of differentially expressed genes between ray and disc florets and identification of flowering regulatory genes in <i>Chrysanthemum morifolium</i> . <i>Frontiers in Plant Science</i> , 0, 13, .	3.6	2
58	The origin and evolution of carpels and fruits from an evo-devo perspective. <i>Journal of Integrative Plant Biology</i> , 2023, 65, 283-298.	8.5	3
59	Cys2/His2-Type Zinc Finger Proteins Regulate Plant Growth and Development. <i>Critical Reviews in Plant Sciences</i> , 2022, 41, 351-363.	5.7	6
60	All's well that ends well: the timing of floral meristem termination. <i>New Phytologist</i> , 2023, 238, 500-505.	7.3	1
61	SUPERMAN strikes again in legumes. <i>Frontiers in Plant Science</i> , 0, 14, .	3.6	1
62	LEAFY and APETALA1 down-regulate ZINC FINGER PROTEIN 1 and 8 to release their repression on class B and C floral homeotic genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	7.1	5
63	Genome-wide identification of the C2H2-Zinc finger gene family and functional validation of CsZFP7 in citrus nucellar embryogenesis. <i>Plant Reproduction</i> , 2023, 36, 287-300.	2.2	3
64	How flower development genes were identified using forward genetic screens in <i>Arabidopsis thaliana</i> . <i>Genetics</i> , 2023, 224, .	2.9	4
65	Genetic robustness control of auxin output in priming organ initiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	7.1	3

#	ARTICLE	IF	CITATIONS
66	One pattern analysis (OPA) for the quantitative determination of protein interactions in plant cells. Plant Methods, 2023, 19, .	4.3	0
67	Flower Development in Arabidopsis. Methods in Molecular Biology, 2023, , 3-38.	0.9	1
68	A SUPERMAN-like Gene Controls the Locule Number of Tomato Fruit. Plants, 2023, 12, 3341.	3.5	0
69	MADS8 is indispensable for female reproductive development at high ambient temperatures in cereal crops. Plant Cell, 0, , .	6.6	0
70	The ABC of Flower Development in Monocots: The Model of Rice Spikelet. Methods in Molecular Biology, 2023, , 59-82.	0.9	2
71	Small RNA sequencing provides insights into molecular mechanism of flower development in Rhododendron pulchrum Sweet. Scientific Reports, 2023, 13, .	3.3	0
72	Genome-wide identification and expression analysis of the C2H2-zinc finger transcription factor gene family and screening of candidate genes involved in floral development in Coptis teeta Wall. (Ranunculaceae). Frontiers in Genetics, 0, 15, .	2.3	0
73	Reflections on the ABC model of flower development. Plant Cell, 2024, 36, 1334-1357.	6.6	0
74	QTL analysis of femaleness in monoecious spinach and fine mapping of a major QTL using an updated version of chromosome-scale pseudomolecules. PLoS ONE, 2024, 19, e0296675.	2.5	0