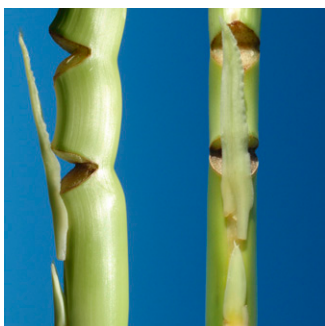


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ON THE COVER



Maize ears form at the axils of leaves. In the *barren stalk fastigiata1* (*baf1*) mutant, ears either do not form, or if they do, they develop fused to the internode. This defective organ separation causes the formation of notches along the internode, as seen in the cover image (leaves were removed to show the ear). Gallavotti et al. (pages 1756–1771) show that *Baf1* encodes an AT-hook DNA binding protein involved in the initiation of axillary meristems.

IN BRIEF

- Whole-Genome Duplications: Does Metabolic Connectivity Influence Gene Retention?** 1683
Jennifer Mach
- LQY1 Functions in Maintenance of Photosystem II** 1684
Nancy A. Eckardt

REVIEW

- How Can Research on Plants Contribute to Promoting Human Health?** [OA](#) 1685
Cathie Martin, Eugenio Butelli, Katia Petroni, and Chiara Tonelli

LARGE-SCALE BIOLOGY ARTICLES

- Extending SILAC to Proteomics of Plant Cell Lines** [C](#) [W](#) [OA](#) 1701
Wolfgang Schütz, Niklas Hausmann, Karsten Krug, Rüdiger Hampf, and Boris Macek
- Frequent Gene Movement and Pseudogene Evolution Is Common to the Large and Complex Genomes of Wheat, Barley, and Their Relatives** [W](#) [OA](#) 1706
Thomas Wicker, Klaus F.X. Mayer, Heidrun Gundlach, Mihaela Martis, Burkhard Steuernagel, Uwe Scholz, Hana Šimková, Marie Kubaláková, Frédéric Choulet, Stefan Taudien, Matthias Platzer, Catherine Feuillet, Tzion Fahima, Hikmet Budak, Jaroslav Doležel, Beat Keller, and Nils Stein

RESEARCH ARTICLES

- Two-Phase Resolution of Polyploidy in the *Arabidopsis* Metabolic Network Gives Rise to Relative and Absolute Dosage Constraints** [W](#) 1719
Michaël Bekaert, Patrick P. Edger, J. Chris Pires, and Gavin C. Conant
- cis*- and *trans*-Regulation of miR163 and Target Genes Confers Natural Variation of Secondary Metabolites in Two *Arabidopsis* Species and Their Allopolyploids** [W](#) [OA](#) 1729
Danny W-K. Ng, Changqing Zhang, Marisa Miller, Gregory Palmer, Marvin Whiteley, Dorothea Tholl, and Z. Jeffrey Chen
- Os-GIGANTEA* Confers Robust Diurnal Rhythms on the Global Transcriptome of Rice in the Field** [C](#) [W](#) [OA](#) 1741
Takeshi Izawa, Motohiro Mihara, Yuji Suzuki, Meenu Gupta, Hironori Itoh, Atsushi J. Nagano, Ritsuko Motoyama, Yuji Sawada, Masahiro Yano, Masami Yokota Hirai, Amane Makino, and Yoshiaki Nagamura

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BARREN STALK FASTIGIATE1 Is an AT-Hook Protein Required for the 1756

Formation of Maize Ears [W](#) [OA](#)

Andrea Gallavotti, Simon Malcomber, Craig Gaines, Sharon Stanfield, Clinton Whipple, Elizabeth Kellogg, and Robert J. Schmidt

The *Arabidopsis* C2H2 Zinc Finger INDETERMINATE 1772

DOMAIN1/ENHYDROUS Promotes the Transition to Germination by Regulating Light and Hormonal Signaling during Seed Maturation [W](#)

J. Allan Feurtado, Daiqing Huang, Leigh Wicki-Stordeur, Laura E. Hemstock, Mireille S. Potentier, Edward W.T. Tsang, and Adrian J. Cutler

The Jasmonate-ZIM-Domain Proteins Interact with the WD-Repeat/bHLH/MYB 1795

Complexes to Regulate Jasmonate-Mediated Anthocyanin Accumulation and Trichome Initiation in *Arabidopsis thaliana* [C](#) [W](#)

Tiancong Qi, Susheng Song, Qingcuo Ren, Dewei Wu, Huang Huang, Yan Chen, Meng Fan, Wen Peng, Chunmei Ren, and Daoxin Xie

Interaction between the bHLH Transcription Factor FIT and ETHYLENE 1815

INSENSITIVE3/ETHYLENE INSENSITIVE3-LIKE1 Reveals Molecular Linkage between the Regulation of Iron Acquisition and Ethylene

Signaling in *Arabidopsis* [C](#) [W](#)

Sivasenkar Lingam, Julia Mohrbacher, Tzvetina Brumbarova, Thomas Potuschak, Claudia Fink-Straube, Eddy Blondet, Pascal Genschik, and Petra Bauer

An *Arabidopsis* E3 Ligase, SHOOT GRAVITROPISM9, Modulates the 1830

Interaction between Statoliths and F-Actin in Gravity Sensing [W](#) [OA](#)

Moritaka Nakamura, Masatsugu Toyota, Masao Tasaka, and Miyo Terao Morita

DELLAs Regulate Chlorophyll and Carotenoid Biosynthesis to Prevent 1849

Photooxidative Damage during Seedling Deetiolation in *Arabidopsis* [C](#) [W](#)

Soizic Cheminant, Michael Wild, Florence Bouvier, Sandra Pelletier, Jean-Pierre Renou, Mathieu Erhardt, Scott Hayes, Matthew J. Terry, Pascal Genschik, and Patrick Achard

A Small Zinc Finger Thylakoid Protein Plays a Role in Maintenance of 1861

Photosystem II in *Arabidopsis thaliana* [W](#) [OA](#)

Yan Lu, David A. Hall, and Robert L. Last

Pause-and-Stop: The Effects of Osmotic Stress on Cell Proliferation during 1876

Early Leaf Development in *Arabidopsis* and a Role for Ethylene Signaling in Cell Cycle Arrest [W](#)

Aleksandra Skirycz, Hannes Claeys, Stefanie De Bodt, Akira Oikawa, Shoko Shinoda, Megan Andriankaja, Katrien Maleux, Nubia Barbosa Eloy, Frederik Coppens, Sang-Dong Yoo, Kazuki Saito, and Dirk Inzé

Microtubule-Associated Proteins MAP65-1 and MAP65-2 Positively 1889

Regulate Axial Cell Growth in Etiolated *Arabidopsis* Hypocotyls [W](#)

Jessica R. Lucas, Stephanie Courtney, Mathew Hassfurder, Sonia Dhingra, Adam Bryant, and Sidney L. Shaw

Phloem-Specific Expression of Yang Cycle Genes and Identification 1904









of Novel Yang Cycle Enzymes in *Plantago* and *Arabidopsis* [C](#) [W](#)

Benjamin Pommerrenig, Kirstin Feussner, Wolfgang Zierer, Valentyna Rabinovych, Franz Klebl, Ivo Feussner, and Norbert Sauer

Clathrin Mediates Endocytosis and Polar Distribution of PIN Auxin 1920

Transporters in *Arabidopsis* [W](#)

Saeko Kitakura, Steffen Vanneste, Stéphanie Robert, Christian Löffke, Thomas Teichmann, Hirokazu Tanaka, and Jiří Friml

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Benjamin Rieder and H. Ekkehard Neuhaus
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Ya-Yun Wang and Yi-Fang Tsay
- A Member of the PLEIOTROPIC DRUG RESISTANCE Family of ATP Binding Cassette Transporters Is Required for the Formation of a Functional Cuticle in *Arabidopsis***  1958
Michael Bessire, Sandra Borel, Guillaume Fabre, Luis Carraça, Nadia Efremova, Alexander Yephremov, Yan Cao, Reinhard Jetter, Anne-Claude Jacquat, Jean-Pierre Métraux, and Christiane Nawrath
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Zhen-Yu Wang, Liming Xiong, Wenbo Li, Jian-Kang Zhu, and Jianhua Zhu
- DOLICHOL PHOSPHATE MANNOSE SYNTHASE1 Mediates the Biogenesis of Isoprenyl-Linked Glycans and Influences Development, Stress Response, and Ammonium Hypersensitivity in *Arabidopsis***  1985
Nurul Jadid, Alexis Samba Mialoundama, Dimitri Heintz, Daniel Ayoub, Mathieu Erhardt, Jérôme Mutterer, Denise Meyer, Abdelmalek Alioua, Alain Van Dorselaer, Alain Rahier, Bilal Camara, and Florence Bouvier
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