

Qing Li

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EDUCATION

Ph.D. (2010): Agronomy, China Agricultural University
Master (2007): Agronomy, China Agricultural University
Bachelor (2004): Agronomy, China Agricultural University

PROFESSIONAL EXPERIENCE

1/2013 to present: Postdoctoral Research Associate, University of Minnesota
1/2011 to 1/2013: Postdoctoral Research Associate, University of Illinois at Urbana-Champaign
9/2004 to 12/2010: Graduate Research Assistant, China Agricultural University
7/2003 to 6/2004: Undergraduate Research Assistant, China Agricultural University

PUBLICATIONS

1. **Qing Li**, Xiaohong Yang, Shutu Xu, Ye Cai, Dalong Zhang, Yingjia Han, Lin Li, Zuxin Zhang, Shibin Gao, Jiansheng Li, Jianbing Yan. Genome-wide association studies identified three independent polymorphisms associated with α -Tocopherol content in maize kernels. **PLoS ONE**, 2012, 7(5): e36807
2. **Qing Li**, Lin Li, Xiaohong Yang, Marilyn L. Warburton, Guanghong Bai, Jingrui Dai, Jiansheng Li, Jianbing Yan. Relationship, evolutionary fate and function of two maize co-orthologs of rice *GW2* associated with kernel size and weight. **BMC Plant Biology**, 2010, 10:143
3. **Qing Li**, Xiaohong Yang, Guanghong Bai, Marilyn L. Warburton, George Mahuku, Michael Gore, Jingrui Dai, Jiansheng Li and Jianbing Yan. Cloning and characterization of a putative *GS3* ortholog involved in maize kernel development. **Theoretical and Applied Genetics**, 2010, 120: 753-763
4. **Qing Li**, Lin Li, Jingrui Dai, Jiansheng Li and Jianbing Yan. Identification and characterization of *CACTA* transposable elements capturing gene fragments in maize. **Chinese Science Bulletin**, 2009, 54(4):642-651

5. Shutu Xu, Dalong Zhang, Ye Cai, Yi Zhou, Shah Trushar, Ali Farhan, **Qing Li**, Zhigang Li, Weidong Wang, Jiansheng Li, Xiaohong Yang, Jianbing Yan. Dissecting tocopherols content in maize (*Zea mays* L.), using two segregating populations and high-density single nucleotide polymorphism markers. **BMC plant biology**, 2012, 12(1): 201
6. Lin Li, Hui Li, **Qing Li**, Xiaohong Yang, Debo Zheng, Marilyn Warburton, Yuchao Chai, Pan Zhang, Yuqiu Guo, Jianbing Yan, Jiansheng Li. An 11-bp insertion in *Zea mays fatb* reduces the palmitic acid content of fatty acids in maize grain. **PLoS ONE**, 2011, 6(9): e24699
7. Jianbing Yan, Catherine Bermudez Kandianis, Carlos E. Harjes, Ling Bai, Eunha Kim, Xiaohong Yang, Debra Skinner, Zhiyuan Fu, Sharon Mitchell, **Qing Li**, Maria Guadalupe Salas Fernandez, Maria Zaharieva, Raman Babu, Yang Fu, Natalia Palacios, Jiansheng Li, Dean Dellapenna, Thomas Brutnell, Edward S. Buckler, Marilyn L. Warburton and Torbert Rocheford. Rare genetic variation at *CrtR-B1* increases β -carotene in maize grain. **Nature Genetics**, 2010, 42:322-327
8. Xiaohong Yang, Jianbing Yan, Trushar Shah, Marilyn Warburton, **Qing Li**, Lin Li, Yufeng Gao, Yuchao Chai, Zhiyuan Fu, Yi Zhou, Shutu Xu, Guanghong Bai, Yijiang Meng, Yanping Zheng, Jiansheng Li. Genetic analysis and characterization of a new maize association mapping panel for quantitative trait loci dissection. **Theoretical and Applied Genetics**, 2010, 121:417–431
9. Lin Li, **Qing Li**, Libo Wang, Zuxin Zhang, Jiansheng Li and Jianbing Yan. Genetic analysis of QTL affecting recombination frequency in whole genome of maize and rice. **Scientia Agricultura Sinica**, 2009, 42(7):2262-2270
10. Yi Zhou, Zhiyuan Fu, **Qing Li**, Shutu Xu, Subhash Chander, Xiaohong Yang, Jiansheng Li and Jianbing Yan. Comparative analysis of carotenoid and tocopherol compositions in high-oil and normal maize (*Zea mays* L.) inbreds. **Acta Agronomica Sinica**, 2009, 35(11):2073-2084

POSTER PRESENTATIONS

1. **Qing Li**, Wesley Barber, Matthew Hudson, Stephen Moose. Small RNAs contribute to gene expression divergence and inheritance in maize hybrids. 55th Maize Genetics Conference, St. Charles, USA, March 14-17, 2013
2. **Qing Li**, Wesley Barber, Matthew Hudson, Stephen Moose. Small RNA profiling in maize hybrids and their parents with reduced RNA-dependent RNA polymerase 2 function. 54th Maize Genetics Conference, Portland, USA, March 15-18, 2012
3. **Qing Li**, Subhash Chander, Shutu Xu, Xiaohong Yang, Shibin Gao, Zuxin Zhang, Ye Cai, Dalong Zhang, Yi Zhou, Jiansheng Li, Jianbing Yan. Dissection of genetic basis for kernel tocopherols content in maize. 52nd Maize Genetics Conference, Riva del Garda, Italy, March 18-21, 2010

4. **Qing Li**, Xiaohong Yang, Guanghong Bai, Marilyn L. Warburton, George Mahuku, Michael Gore, Jingrui Dai, Jiansheng Li and Jianbing Yan. Cloning and characterization of a putative GS3 ortholog involved in maize kernel development. Plant Genomics in China X, Chongqing, China, August 19-21, 2009
5. Shutu Xu, **Qing Li**, Xiaohong Yang, Jiansheng Li and Jianbing Yan. Natural variation of genes related to vitamin E metabolism in maize. Plant Genomics in China X, Chongqing, China, August 19-21, 2009
6. Xiaohong Yang, Shibin Gao, Shutu Xu, **Qing Li**, Yi Zhou, Jiansheng Li and Jianbing Yan. A platform for dissecting the genetic basis of complex quantitative traits with global maize germplasm. Plant Genomics in China X, Chongqing, China, August 19-21, 2009

AWARDS

- 2010:** Monsanto Scholarship Award of China Agricultural University
- 2009:** President Scholarship of China Agricultural University
- 2006:** Award for Being Active in Academic Communications of National Maize Improvement Centre of China
- 2003:** Outstanding Student Leader Award of China Agricultural University
- 2002 and 2003:** Merit Student Awards of China Agricultural University
- 2002:** Second-class National Scholarship of China Agricultural University
- 2001, 2002 and 2003:** First-class Scholarship of China Agricultural University

ACADEMIC ACTIVITIES

- 2013:** Attending the 55th Maize Genetics Conference in St. Charles, USA
- 2012:** Attending the 54th Maize Genetics Conference in Portland, USA
- 2012:** Attending Corn Breeder School at University of Illinois
- 2011:** Attending the 53rd Maize Genetics Conference in St. Charles, USA
- 2011:** Attending Corn Breeder School at University of Illinois
- 2010:** Attending and talking at the 3rd International Conference on Plant Molecular Breeding in Beijing
- 2010:** Attending the 52nd Maize Genetics Conference in Italy
- 2009:** Attending the Molecular Data and Statistical Genetics Class in China Agricultural University
- 2007:** Attending the 8th Plant Genomics Conference in Shanghai, China
- 2006:** Attending the 7th Plant Genomics Conference in Haerbin, China
- 2006:** Teaching Assistant on Genetics in China Agricultural University