

CURRICULUM VITAE

| Personal Information | | | |
|---|--|--------|-------------------|
| Name | Fazhan Qiu | Gender | male |
| Position Title | Ph.D., Professor | | |
| Working Department | College of Plant Science & Technology | | |
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| Research Interest | | | |
| Maize molecular breeding QTL clone and function analysis in maize | | | |
| Professional Memberships | | | |
| No | | | |
| Other Roles | | | |
| No | | | |
| Education & Working Experience | | | |
| Dec. 2014—today, Professor, College of Plant Science & Technology Sept. 2013-Sept. 2014, Cold Spring Harbor Laboratory, Visiting Scientist June 2007- 2014 Dec., Associate Professor Sept. 2003-June 2007, Ph. D. in Crop Genetics and breeding, Huazhong Agricultural University, China Sept. 1999-June 2003, Undergraduate in Crop Genetics and breeding, Huazhong Agricultural University, China Sept. 1995-June 1999, B.S. degree in Agronomy, Huazhong Agricultural University, China | | | |



Publications

- ◆Feng Yu, Xuesong Han, Cunjuan Geng, Yanxin Zhao, Zuxin Zhang, and Fazhan Qiu*, Comparative proteomic analysis revealing the complex network associated with waterlogging stress in maize (*Zea mays*. L) seedling root cells. *Proteomics*, 2015, 15, 135–147.
- ◆Ying Liu, Liwei Wang, Chuanlong Sun, Zuxin Zhang, Yonglian Zheng, Fazhan Qiu*. Genetic analysis and major QTL detection for maize kernel size and weight in multi-environments. *Theoretical and Applied Genetics*, 2014, 127: 1019–1037. DOI: 10.1007/s00122-014-2276-0.
- ◆D. Du, C. Geng, X. Zhang, Y. Zheng, F. Zhang, Y. Lin and F. Qiu*. Transgenic maize lines expressing a *cry1C** gene are resistant to insect pests. *Plant Mol Biol Report*, 32: 549–557, Doi: 10.1007/s11105-013-0663-3. 2014.
- ◆Zhao Y, Cai M, Zhang X, Li Y, Zhang J, Zhao H, Kong F, Zheng Y, Qiu F*. Genome-Wide Identification, Evolution and Expression Analysis of mTERF Gene Family in Maize. *PLoS ONE* 9(4): e94126. doi:10.1371/journal.pone.0094126. 2014.
- ◆Fazhan Qiu, Yanli Liang, Yan Li, Yongzhong Liu, Liming Wang, Yonglian Zheng. Morphological, cellular and molecular evidences of uniparental chromosome random elimination in vivo upon haploid induction in maize. *Current Plant Biology*, DOI: 10.1016/j.cpb.2014.04.001. 2014, 1, 83–90.
- ◆Khalid A. Osman, Bin Tang, Yaping Wang, Juanhua Chen, Feng Yu, Liu Li, Xuesong Han, Zuxin Zhang, Jianbing Yan, Yonglian Zheng, Bing Yue, Fazhan Qiu*. Dynamic QTL Analysis and Candidate Gene Mapping for Waterlogging Tolerance at Maize Seedling Stage. *PLoS ONE* 8(11): e79305. Doi: 10.1371/journal.pone.0079305, 2013.
- ◆Zhang X, Tang B, Yu F, Li L, Wang M, Xue Y, Zhang Z, Yan J, Yue B, Zheng Y, Qiu F*. Identification of major QTL for waterlogging tolerance using genome-wide association and linkage mapping of maize seedlings. *Plant Mol Biol Report*, 31:594–606; Doi: 10.1007/s11105-012-0526-3, 2013.
- ◆Wang H., Xiao Z, Wang F, Xiao Y, Zhao J, Zheng Y, Qiu F*. Mapping of *HtNB*, a gene conferring non-lesion resistance before heading to *Exserohilum turcicum*, in a maize inbred line derived from the Indonesian variety Bramadi. *Genetics and molecular research*, 11 (3): 2523–2533, 2012.
- ◆Ding D, Xiao Z, Xiao H, Xia T, Zheng Y, Qiu F*. Revelation of the early responses of salt tolerance in maize via SSH libraries. *Genes & Genomics*, 34: 265–273, 2012.
- ◆Osma KA, Mustafa AM., Ali F, Zheng Y, Qiu F*. Genetic variability for yield and related attributes of upland rice genotypes in semi arid zone. *African Journal of Agricultural Research*, 7 (33):4613–4619, 2012.
- ◆Xiaobo Zhang, Bin Tang, Wenke Liang, Yonglian Zheng and Fazhan Qiu*. Quantitative genetic analysis of flowering time, leaf number and photoperiod sensitivity in maize (*Zea mays* L.). *Journal of Plant Breeding and Crop Science*, 3(9): 168–184, 2011.
- ◆Bin Tang, Shangzhong Xu, Xiling Zou, Yonglian Zheng; Fazhan Qiu*. Changes of antioxidative enzymes and lipid peroxidation in leaves and roots of waterlogging-tolerant and waterlogging-sensitive maize genotypes at seedling stage. *Agricultural Sciences in China*, 9(5):651–661, 2010.
- ◆Liu Yongzhong, Tang Bin, Zheng Yonglian, Ma kejun, Xu Shangzhong, Qiu Fazhan*. Screening methods for waterlogging tolerance at Maize (*Zea mays* L.) seedling stage. *Agricultural Sciences in China*, 9 (3):362–369, 2010.
- ◆Zili Zhang, Fazhan Qiu, Zaiyun Li, Yongzhong Liu, Kejun Ma, Zaiyun Li, Shangzhong Xu*. Chromosome elimination and in vivo haploid production induced by Stock 6-derived inducer line in maize (*Zea mays* L.). *Plant Cell Rep*, 27: 1851–1860, 2008.
- ◆Qiu F, Zheng Y, Zhang Z, Xu S*. Mapping of QTL associated with waterlogging tolerance during

the seedling stage in maize. *Annals of Botany*, 99(6): 1067–1081, 2007.

15. Qi, Huanhuan; Huang, Juan; Zheng, Qi; Huang, Yaqun; Shao, Renxue; Zhu, Liying; Zhang, Zuxin; Qiu, Fazhan; Zhou, Guangcheng; Zheng, Yonglian; Yue, Bing*. Identification of combining ability loci for five yield-related traits in maize using a set of testcrosses with introgression lines. *Theoretical and Applied Genetics*, 126(2): 369–377, 2013.

◆Zhai, Lihong; Liu, Zhijie; Zou, Xiling; Jiang, Yuanyuan; Qiu, Fazhan; Zheng, Yonglian; Zhang, Zuxin*. Genome-wide identification and analysis of microRNA responding to long-term waterlogging in crown roots of maize seedlings. *Physiologia Plantarum*, 147(2): 181–193, 2013.

◆Huang, Juan; Zhang, Jianhua; Li, Wenzhen; Hu, Wei; Duan, Lichao; Feng, Yang; Qiu, Fazhan; *Yue, Bing. Genome-wide association analysis of ten chilling tolerance indices at the germination and seedling stages in maize. *Journal of Integrative Plant Biology*, 55(8): 735–744, 2013.

◆Liu, Ruixiang; Jia, Haitao; Cao, Xiaoliang; Huang, Jun; Li, Feng; Tao, Yongsheng; Qiu, Fazhan; Zheng, Yonglian; *Zhang, Zuxin. Fine Mapping and Candidate Gene Prediction of a Pleiotropic Quantitative Trait Locus for Yield-Related Trait in *Zea mays*. *PLoS ONE*, 7(11), e49836, DOI: 10.1371/journal.pone.0049836, 2012.

Additional Information

NO.