

# CURRICULUM VITAE

Personal Information					
Name	Qiusheng Kong	Gender	Male		
Position Title		Professor			
Working Department		Department of Vegetable Sciences			
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Address	No.1 Shizishan Street, Hongshan District, Wuhan, Hubei Province, China				
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Research Interest					
Using the deep learning and bioinformatic tools to dissect the genetic architectures and regulating mechanisms of economically important traits in cucurbitaceous vegetables, especially melon and watermelon					
Professional Memberships					
Member of the American Society for Horticultural Science					
Other Roles					
Reviewer of Food Chemistry, Frontiers in Plant Science, Scientific Reports, Scientia Horticulturae, PLoS ONE, Acta Biochimica et Biophysica Sinica, Plant Growth Regulation, Plant Physiology and Biochemistry, Journal of Integrative Agriculture, and Horticultural Plant Journal.					
Education & Working Experience					
<ul style="list-style-type: none"><li>• Professor, Huazhong Agricultural University (2020 - present)</li><li>• Visiting Scholar, Cornell University (2015-2016)</li><li>• Associate Professor, Huazhong Agricultural University (2012-2020)</li><li>• Lecturer, Huazhong Agricultural University (2006-2011)</li><li>• Ph.D. Huazhong Agricultural University (2003-2006)</li><li>• M.S. Huazhong Agricultural University (2000-2003)</li><li>• Research Assistant, Hubei Province Academy of Agricultural Sciences (1996-2000)</li><li>• B. S. Huazhong Agricultural University (1992-1996)</li></ul>					

## Publications

1. **Kong Q**, Mostafa H, Yang W, Wang J, Nuerawuti M, Wang Yang, Song J, Zhang X, Ma L, Wang H, Li X. Comparative transcriptome profiling reveals that brassinosteroid-mediated lignification plays an important role in garlic adaption to salt stress, *Plant Physiology and Biochemistry*, <https://doi.org/10.1016/j.plaphy.2020.11.033>.
2. Wang J, Liu Y, Chen X, **Kong Q**. Characterization and Divergence Analysis of Duplicated R2R3-MYB Genes in Watermelon. *Journal of the American Society for Horticultural Science* 2020, 145(5):281–288. (corresponding author)
3. **Kong Q**, Liu Y, Xie J, Bie Z: Development of Simple Sequence Repeat Markers from De Novo Assembled Transcriptomes of Pumpkins. *Plant Molecular Biology Reporter* 2020, 38:130–136.
4. **Kong Q**, Yuan J, Gao L, Liu P, Cao L, Huang Y, Zhao L, Lv H, Bie Z: Transcriptional regulation of lycopene metabolism mediated by rootstock during the ripening of grafted watermelons. *Food Chemistry* 2017, 214:406-411.
5. **Kong Q**, Gao L, Cao L, Liu Y, Saba H, Huang Y, Bie Z: Assessment of suitable reference genes for quantitative gene expression studies in melon fruits. *Frontiers in Plant Science* 2016, 7(1178).
6. **Kong Q**, Yuan J, Gao L, Zhao L, Cheng F, Huang Y, Bie Z. Evaluation of Appropriate Reference Genes for Gene Expression Normalization during Watermelon Fruit Development. *PLoS ONE*, 2015, 10(6):e0130865.
7. **Kong Q**, Yuan J, Gao L, Zhao S, Jiang W, Huang Y, Bie Z. Identification of suitable reference genes for gene expression normalization in qRT-PCR analysis in watermelon. *PLoS ONE*, 2014, 9(2):e90612.
8. **Kong Q**, Yuan J, Niu P, Xie J, Jiang W, Huang Y, Bie Z. Screening suitable reference genes for normalization in reverse transcription quantitative Real-Time PCR analysis in melon. *PLoS ONE*, 2014, 9(1):e87197.
9. **Kong Q**, Chen J, Liu Y, Ma Y, Liu P, Wu S, Huang Y, Bie Z. Genetic diversity of *Cucurbita* rootstock germplasm as assessed using simple sequence repeat markers. *Scientia Horticulturae*, 2014, 175:150-155.
10. **Kong Q**, Zhang G, Chen W, Zhang Z, Zou X. Identification and development of polymorphic EST-SSR markers by sequence alignment in pepper, *Capsicum annuum* (Solanaceae). *American Journal of Botany*, 2012, 99(2):e59-61.
11. **Kong Q**, Xiang C, Yang J, Yu Z. Genetic variations of Chinese melon landraces investigated with EST-SSR markers. *Horticulture, Environment, and Biotechnology*, 2011, 52(2):163-169.
12. **Kong Q**, Li X, Xiang C, Wang H, Song J, Zhi H. Genetic diversity of radish (*Raphanus sativus* L.) germplasm resources revealed by AFLP and RAPD markers. *Plant Molecular Biology Reporter*, 2011, 29(1):217-223.
13. **Kong Q**, Xiang C, Yu Z, Zhang C, Liu F, Peng C, Peng X. Mining and charactering microsatellites in *Cucumis melo* ESTs from sequence database. *Molecular Ecology Notes*, 2007, 7(2):281-283.
14. **Kong Q**, Xiang C, Yu Z. Development of EST-SSRs in *Cucumis sativus* from sequence database. *Molecular Ecology Notes*, 2006, 6(4):1234-1236.

## Additional Information

Teaching courses:

1. Bioinformatics (for PhD candidates)
2. Statistical Analysis with R (for postgraduate students)
3. Experimental Designs and Statistical Analysis (for undergraduate students)