

Feng Wang



Areas of Research

Fruit biology, Genetic improvement of tomato and strawberry.

Contact Information

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Research Interests

Research focuses on the genetic improvement of tomato and strawberry. Strategies employed include wild germplasm characterization, preservation and introgression, intra-and inter-specific hybridization, genome engineering, and epigenetic manipulation. We integrate systems biology approaches with biochemical and physiological analyses to study fruit development, stress tolerance and quality traits.

Education Background

Bachelor: Nanjing Agricultural University

Master: Nanjing Agricultural University

Doctor: Nanjing Agricultural University

Work experience

Lecture, Nanjing Agricultural University, 2011-2016

Associate Professor, Nanjing Agricultural University, 2016-

Honors and Awards

Selected Publication

(1) Zhisheng Xu#, Huawei Tan#, Feng Wang#, Xilin Hou, Aisheng Xiong*, CarrotDB: a genomic and transcriptomic database for carrot, Database, 2014, 2014(bau096): 1229-1245.

(2) Mengyao Li#, Feng Wang#, Qian Jiang, Rui Li, Jing Ma, Aisheng Xiong*, Genome-wide Analysis of the Distribution of AP2/ERF Transcription Factors Reveals Duplication and Elucidates their Potential Function in Chinese Cabbage (*Brassica rapa* ssp. *pekinensis*), Plant Molecular Biology Reporter, 2013, 31(4): 1002-1011.

(3) Feng Wang, Xilin Hou*, Jun Tang, Zhen Wang, Shuming Wang, Fangling Jiang; Ying Li; A novel cold-inducible gene from Pak-choi (*Brassica campestris* ssp. *chinensis*), BcWRKY46, enhances the cold, salt and dehydration stress tolerance in transgenic tobacco, Molecular Biology Reports, 2012, 39(4): 4553-4564.
