

1

210095

+86-25-84395917 (Tel

hxl@njau.edu.cn (E-Mail

1982

1986-1987

1998

2008.05

-2008.06

2010.03-2010.05

33

1982-1998

/

1999

/

1992.11-1996.08

1996.09-2000.09

2000.10-2001.02

2001.03-2013.11

2013.12-

1998.12-2001.01

2011.03-2012.05

2005-2013

2006
2005
2005 1
2014
1 2015
() 1 2007
1 2013
1 1991 2005
2007
2007
2007
(31330067) 2014.01
2018.12 288.0 BE2013429
2013.06 2016.12 100.0 CARS-25-A-12
[2008] 10 2008.01 2020.12 910.0
2014.01 2017.12 2000.0
2014 37 2014.05.06
2 ISBN 7-81050-332-4/Sx 2 1998.06
ISBN 7-5345-4435-5 2004.10
() ISBN 7-5345-4417-3 2004.12
ISBN 7-04-018644-6 2006.02 2 ISBN 7-04-019134-2
2006.05 () ISBN 978-7-5618-5012-1
2014.06

- 1 Fangling Jiang, Feng Wang, Zhen Wu, Ying Li ,Gongjun Shi, Jingding Hu , . Components of the Arabidopsis CBF Cold-Response Pathway Are Conserved in Non-heading Chinese Cabbage. *Plant Mol Biol Rep*, 2011, 29:525~532 DOI 10.1007/s11105-010-0256-3
- 2 Tongkun Liu, , Jingyi Zhang , Yuping Song ,Shuning Zhang, Ying Li*.A cDNA Clone of BcHSP81-4 from the Sterility Line (Pol CMS) of Non-heading Chinese Cabbage (*Brassica campestris* ssp. *chinensis*). *Plant Mol Biol Rep*,2011, 29:723-732 DOI 10.1007/s11105-010-0285-y
- 3 Chao Chen, , Hongxin Zhang,Guilan Wang, Limin Tian. Induction of *Anthurium andraeanum* ‘‘Arizona’’ tetraploid by colchicine in vitro. *Euphytica*, 2011, 181:137~145 DOI 10.1007/s10681-010-0344-3
- 4 Jinyan Wang, , and Xuedong Yang. Identification of conserved microRNAs and their targets in Chinese cabbage (*Brassica rapa* subsp. *pekinensis*). *Genome*, 2011, 54: 1029~1040
- 5.ZHANG Jun-ping, , YU Tian LI Ying and DONG Hai-yan. Response Surface Optimization of *Nigella glandulifera* Freyn Seed Oil Yield by Supercritical Carbon Dioxide Extraction.*Journal of Integrative Agriculture* 2012,11 1 151~158
6. Hai-Tao Peng, Li Wang, Ying Li, Yan-Xiao Li, Wei Guan, Yang Yang, Xiao-Hai Xu, . Differential gene expression in incompatible interaction between turnip mosaic virus and non-heading Chinese cabbage. *Eur J Plant Pathol* 2012,132:393~406 DOI 10.1007/s10658-011-9885-0
7. Dong Xiao, Ning-Wen Zhang, Jian-Jun Zhao, Guusje Bonnema and .Validation of reference genes for real-time quantitative PCR normalisation in non-heading Chinese cabbage. *Functional Plant Biology*, 2012, 39, 342–350 <http://dx.doi.org/10.1071/FP11246>
8. Feng Wang 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. *Mol Biol Rep*, 2012,39 4553~4564, DOI 10.1007/s11033-011-1245-9
9. Xuedong Yang Feifei Sun Aisheng Xiong Feng Wang Min Kong Qian Wang Jinyan Wang Wei Dai Xiudong Xia .BcNRT1,a plasma membrane-localized nitrate transporter from non-heading Chinese cabbage. *Mol Biol Rep*,2012,39:7997-8006, DOI 10.1007/s11033-012-1646-4
- 10.Tongkun Liu Ying Li Changwei Zhang Yu Qian Zhen Wang . Overexpression of FLOWERING LOCUS C, Isolated from Non-Heading Chinese Cabbage (*Brassica campestris* ssp. *chinensis* Makino), Influences Fertility in Arabidopsis. *Plant Mol Biol Rep*,2012,30:1444-1449 DOI 10.1007/s11105-012-0469-8

11. Jingyi Zhang, Changwei Zhang, Yan Cheng, Li Qi, Shumin Wang and . Microtubule and male sterility in a gene-cytoplasmic male sterile line of non-heading Chinese cabbage. *J Sci Food Agric* 2012, 92: 3046–3054
12. Jinyan Wang, Xuedong Yang, Haibin Xu, Xiaoyuan Chi, Min Zhang, . Identification and characterization of microRNAs and their target genes in *Brassica oleracea*. *Gene*,2012, 505:300~308
13. Liu TK (Liu, Tongkun); Li Y (Li, Ying); Ren J (Ren, Jun); Qian Y (Qian, Yu); Yang XD (Yang, Xuedong); Duan WK (Duan, Weike); . Nitrate or NaCl regulates floral induction in *Arabidopsis thaliana*. *BIOLOGIA*, 2013, 68(2): 215-222, DOI: 10.2478/s11756-013-0004-x
14. J. Y. WANG, X. M. SONG, Y. LI and . In-silico detection of EST-SSR markers in three *Brassica* species and transferability in *B. rapa*. *Journal of Horticultural Science & Biotechnology*, 2013, 88 (2):135–140
15. Haitao Peng, Shuyan Li, Li Wang, Ying Li, Yanxiao Li, Changwei Zhang, . Turnip mosaic virus induces expression of the LRR II subfamily genes and regulates the salicylic acid signaling pathway in non-heading Chinese cabbage. *Physiological and Molecular Plant Pathology*, 2013,82:64-72
16. T. LIU, Y. LI, J. REN, C. ZHANG, M. KONG, X. SONG, J. ZHOU, and . Over-expression of BcFLC1 from non-heading Chinese cabbage enhances cold tolerance in *Arabidopsis*. *BIOLOGIA PLANTARUM*, 2013, 57(2): 262-266
17. T. Liu, C. Zhang, L. Qi, F. Sun and . Cloning and Expression Analysis of a CMS Related Gene BcCoil from *Brassica campestris* ssp. *chinensis*. *Russian Journal of Plant Physiology*, 2013, 60 (1):124–130
18. Taiyun Wei, Changwei Zhang, , He'le'ne Sanfac, Aiming Wang*. The SNARE Protein Syp71 Is Essential for Turnip Mosaic Virus Infection by Mediating Fusion of Virus-Induced Vesicles with Chloroplasts. *PLOS Pathogens* | www.plospathogens.org, May 2013|Volume 9|Issue5|e1003378
19. Xiaoming Song, Ying Li and . Genome-wide analysis of the AP2/ERF transcription factor superfamily in Chinese cabbage (*Brassica rapa* ssp. *pekinensis*). *BMC Genomics* ,2013, 14:573, doi:10.1186/1471-2164-14-573
20. Dong Xiao, Jian J. Zhao , Ram K. Basnet, Dunia P.D. Carpio, Ning W. Zhang, Johan Bucher, Ke Lin, Feng Cheng, Xiao W. Wang and Guusje Bonnema*. The *Brassica rapa* FLC homologue FLC2 is a key regulator of flowering time, identified through transcriptional co-expression networks. *Journal of Experimental Botany*,2013, 64 (14): 4503-4516

21. Ge TT, Wang L, Zhang AF, Liu TK, Wang JJ, , Li Y*. S haplotype identification by PCR-RFLP in doubled haploid lines and implications in the hybrid breeding of non-heading Chinese cabbage (*Brassica campestris* L. ssp. *chinensis* Makino). *Indian J Genet Plant Breeding*, 2013, 73(4):400-404
22. Ren J, Chen ZW, Duan WK, Song XM, Zhou J, Liu TK, Wang JJ, , Li Y*. Comparison of ascorbic acid biosynthesis in different tissues of three non-heading Chinese cabbage cultivars. *Plant Physiol Bioch*, 2013, 73:229-236
23. Ren J, Gao H, Zhou J, Liu TK, , Li Y*. Molecular cloning and expression pattern analysis of ascorbate oxidase in non-heading Chinese cabbage (*Brassica campestris* ssp. *chinensis*) . *Russ J Plant Physl* 2013, 60 6 756-763
24. Wang L, Ge TT, Peng HT, Wang C, Liu TK, , Li Y*. Cloning and expression analysis of EXO70A1 gene in Non-heading Chinese cabbage (*Brassica campestris* ssp. *chinensis* Makino) *J Integr Agri*, 2013, 10.1016/S2095-3119(13)60580-8
25. Wang L, Peng HT, Ge TT, Liu TK, , Li Y*. Identification of differentially accumulating pistil proteins associated with self incompatibility of non-heading Chinese cabbage. *Plant Biology*, 2013, doi:10.1111/plb.12016
26. Wang XH, Song YP, Ren J, Liu TK, , Li Y* Response of biomass and photosynthesis in non-heading chinese cabbage to excess copper. *J Anim Plant Sci*, 2013, 23(6):1659-1665
27. Jun Tang, Feng Wang, Zhen Wang, Zhinan Huang, Aisheng Xiong and . Characterization and co-expression analysis of WRKY orthologs involved in responses to multiple abiotic stresses in Pak-choi (*Brassica campestris* ssp. *chinensis*). *BMC Plant Biology*, 2013, 13:188
28. Dong Xiao, Huang Wang, Ram Kumar Basnet, Jianjun Zhao, Ke Lin,

31. Xiao-Ming Song, Tongkun Liu, Wei-Ke Duan, Qing-Hua Ma, Jun Ren, Zhen Wang, Ying Li, .
Genome-wide analysis of the GRAS gene family in Chinese cabbage (*Brassica rapa* ssp. *pekinensis*). *Genomics*, 2014, 103:135–146
32. Jing Zhuang, Jian Zhang, , Feng Wang, Ai-Sheng Xiong*. Transcriptomic, Proteomic, Metabolomic and Functional Genomic Approaches for the Study of Abiotic Stress in Vegetable Crops. *Critical Reviews in Plant Sciences*, 2014, 33:225–237
33. J. S. ZHENG, S. N. ZHANG, C. Z. SUN and . Karyotype analysis of autotetraploidy in *Brassica rapa* ssp. *chinensis*. *Journal of Horticultural Science & Biotechnology*, 2014, 89(1): 23–28
34. H.-T. PENG, Y.-X. LI, C.-W. ZHANG, Y. LI, and . Chloroplast elongation factor BcEF-Tu responds to turnip mosaic virus infection and heat stress in non-heading Chinese cabbage. *BIOLOGIA PLANTARUM*, 2014, 58 (3): 561-566
35. Weike Duan, Xiaoming Song, Tongkun Liu, Zhinan Huang, Jun Ren, , Ying Li*. Genome wide analysis of the MADS box gene family in *Brassica rapa* (Chinese cabbage). *Mol Genet Genomics*, DOI 10.1007/s00438-014-0912-7
36. Ying Li, Tongkun Liu, Weike Duan, Xiaoming Song, Gongjun Shi, Jingyi Zhang, Xiaohui Deng, Shuning Zhang, . Instability in mitochondrial membranes in Polima cytoplasmic male sterility of *Brassica rapa* ssp. *chinensis*. *Funct Integr Genomics*, 2014,14:441–451
37. Xiaoming Song , Ying Li , Tongkun Liu, Weike Duan, Zhinan Huang, Li Wang, Huawei Tan and . Genes associated with agronomic traits in non-heading Chinese cabbage identified by expression profiling. *BMC Plant Biology*, 2014, 14:71
38. Wang, Xuehua; Zhang, Shuo; Hu, Die; Zhao, Xiaojun; Li, Yan; Liu, Tongkun; Wang, Jianjun; ; Li, Ying*. BcPMI2, isolated from non-heading Chinese cabbage encoding phosphomannose isomerase, improves stress tolerance in transgenic tobacco. *Molecular Biology Reports*, 2014, 41 (4)
39. Hongbing Song, Xiaoming Song , Huanhuan Liu, Tongkun Liu, Ying Li , . cDNA Clones and Expression Analysis of cpHSC70 and mtHSC70 in Non-Heading Chinese Cabbage. *Plant Mol Biol Rep*, 2014, 32:531–540
40. Xiao-Ming Song, Zhi-Nan Huang, Wei-Ke Duan, Jun Ren, Tong-Kun Liu, Ying Li, . Genome-wide analysis of the bHLH transcription factor family in Chinese cabbage (*Brassica rapa* ssp. *pekinensis*). *Mol Genet Genomics*, 2014, 289:77–91

4. Zhen Wang, Jun Tang, Kong Hu, Peng Wu, Xiao-Ming Song, and Ai-Sheng Xiong*. CarrotDB: a genomic transcriptomic database for carrot. DATABASE THE JOURNAL OF BIOLOGICAL DATABASE CURATION, 2014, 1-8.

52. Zhi-Sheng Xu, Hua-Tan Feng Wang, , Ai-Sheng Xiong*. CarrotDB: a genomic transcriptomic database for carrot. DATABASE THE JOURNAL OF BIOLOGICAL DATABASE CURATION, 2014, 1-8.

53. Zhen Wang, Jun Tang, Kong Hu, Peng Wu, , Xiao-Ming Song and Ai-Sheng Xiong*. Genome-wide analysis of the R2R3-MYB transcription factor genes in Chinese cabbage (*Brassica rapa* pekinensis) reveals their stress and hormone responsive patterns. BMC Genomics, 2015, 16: 17. DOI: 10.1186/s12864-015-1286-4

54. Feifei Sun, Zhen Wang, Xiru Maoc, Changwei Zhang, Dongsheng Wang, Xia Wang, . Overexpression of *Bc* gene in non-heading Chinese cabbage (*Brassica campestris*) enhanced *Bc* activity and total amino acid content in transgenic seedlings. Scientia Horticulturae, 2015, 186: 129-135.

55. Jin-shuang Zheng, Cong-zhen Sun, Dong Xiao, Shu-ning Zhang, Guusje Bonnema, . Variation and conservation of phenotypes of non-heading Chinese cabbage. Plant systematic and evolution, 2007, 177: 1-7.

Identification and abiotic stress analysis

60. Aisong Zengb, Yuanyuan Yan, Jiyong Yan, Lixiao Song, Bing Gao, Jianqi Li, , Ying Li
 Microspore embryogenesis and plant regeneration in Brussels sprouts (*Brassica oleracea* L. var. *gemmifera*).
Scientia Horticulturae, 2015, 191: 31–37
61. Zhen Wang, Dahua Jiang, Changwei Zhang, Huawei Tan, Yanxiao Li, Shanwu Lv, , Xiaoyan Cuid.
 Genome-wide identification of turnip mosaic virus-responsive microRNAs in non-heading Chinese cabbage by
 high-throughput sequencing. *Gene*, 2015, 571:178-187. doi.org/10.1016/j.gene.2015.06.047
62. Cheng Wang, Weike Duan, Ali RamuliMaquina Riquicho, Zange Jing, Tongkun Liu , , Ying
 Li*. Genome-wide survey and expression analysis of the PUB family in Chinese cabbage (*Brassica rapa* ssp.
pekinensis). *Mol Genet Genomics*. DOI 10.1007/s00438-015-1075-x
63. Zhinan Huang, Jun Tang, Weike Duan, Zhen Wang, Xiaoming Song and .Molecular
 evolution, characterization, and expression analysis of SnRK2 gene family in Pak-choi (*Brassica rapa* ssp.
chinensis). *Front. Plant Sci.*, DOI 10.3389/fpls.2015.00879
64. Xiaoming Song, Weike Duan, Zhinan Huang, Gaofeng Liu, Peng Wu, Tongkun Liu, Ying Li & .
 Comprehensive analysis of the flowering genes in Chinese cabbage and examination of evolutionary pattern of
 CO-like genes in plant kingdom. *Scientific Reports* ,5:14631. DOI: 10.1038/srep14631
65. Hua-Wei Tan, Xiao-Ming Song, Wei-Ke Duan, Yan Wang, and . Genome-wide analysis of the
 SBP-box gene family in Chinese cabbage (*Brassica rapa* subsp. *pekinensis*). *Genome*, 2015, 58: 463–477,
 dx.doi.org/10.1139/gen-2015-0074