

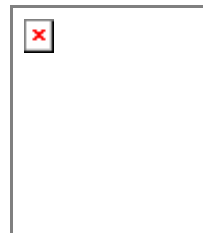


农学系
 植物遗传育种学系
 植物病理学系
 昆虫学系
 果树学系
 蔬菜学系
 观赏园艺与园林系
 国家玉米改良中心
 神内农牧研究中心
 学院办公室



基本信息

姓名: 孙传清
 性别: 男
 系别: 植物遗传育种学系
 职称: 长江学者
 学位: 博士



个人简历

1981.09-1985.07: 湖南农学院 大学本科
 1985.09-1988.07: 北京农业大学 硕士研究生
 1988.07-1992.02: 武陵大学 助教、讲师
 1992.02-1996.07: 中国(北京)农业大学 博士研究生
 1993.10-1994.09: 东北师范大学留日予校 培训日语
 1994.10-1996.03: 日本九州大学农学部 留学生
 1996.07-1997.11: 中国农业大学 讲师
 1997.12-2002.11: 中国农业大学 副教授
 2000.05-2001.03: 东北大学(日本) 客员副教授
 2002.12至今: 中国农业大学 教授

联系方式

中国农业大学农学与生物技术学院
 地址: 北京市海淀区圆明园西路2号
 邮编: 100193
 电话: 010-62731811
 E-mail: suncq@cau.edu.cn

社会职务

国际生物多样性计划中国国家专家委员会委员
 教育部作物杂种优势研究与利用重点实验室主任
 中国野生植物保护协会农业野生植物分会副秘书长
 中国农学会农业资源与环境分会常务理事
 中国农学会遗传资源分会常务理事
 中国作物学会分子育种分会常务理事
 《J Integr Plant Biol》、《生物多样性》、《农业生物技术学报》杂志编委

教学工作

1. 普通遗传学(本科生课程)
2. 高级作物育种(研究生课程)

研究方向

1. 野生稻优异基因的定位与克隆
2. 亚洲栽培稻进化的分子机理
3. 水稻杂种优势分子机理
4. 水稻分子育种

课题项目

1. 水稻株型调控及进化的分子机理 (国家自然科学基金重点项目, 2010.1-2013.12, 主持)
2. 作物品种资源学 (国家杰出青年科学基金, 2008.1-2011.12, 主持)
3. 高产优质多抗水稻分子育种技术研究与新品种创制(863计划重点项目课题, 2006-2010, 参加)
4. 野生稻优异功能基因的定位、发掘与克隆(农业部农业野生植物保护专项, 2009-2010, 主持)

论文著作

*: Corresponding author

Fu Qiang, Zhang Peijiang, Tan Lubin, Zhu Zuofeng, Ma Dan, Fu Yongcai, Zhan Xinchun, Hongwei Cai, Sun Chuanqing*. Analysis of QTLs for yield-related traits in Yuanjiang common wild rice (*Oryza rufipogon* Griff.). *J Genet Genomics*, 2010, 37(2): 147-157

Li Xianran, Tan Lubin, Zhu Zuofeng, Huang Haiyan, Liu Ying, Hu Songnian, Sun Chuanqing*. Patterns of nucleotide diversity in wild and cultivated rice. *Plant Syst Evol*, 2009, 281:97-106

Luan Weijiang, Chen Hui zhe, Fu Yaping, Si Huamin, Peng Wen, Song Susheng, Liu Wenzhen, Hu Guocheng, Sun Zongxiu*, Xie Daoxin*, Sun Chuanqing*. The Effect of the Crosstalk between Photoperiod and Temperature on the Heading-Date in Rice. *PLoS ONE*, 2009, 4(6): e5891. doi:10.1371/journal.pone.0005891

Luo Xiaojin, Tian Feng, Fu Yongcai, Yang Jinshui, Sun Chuanqing*. Mapping quantitative trait loci influencing panicle-related traits from Chinese common wild rice (*Oryza rufipogon*) using introgression lines. *Plant Breed*, 2009, 128(6): 559-567

Luo Xiaojin, Fu Yongcai, Zhang Peijiang, Wu Shuang, Tian Feng, Liu Jiayong, Zhu Zuofeng, Yang Jinshui, Sun Chuanqing*. Additive and over-dominant effects resulting from epistatic loci are the primary genetic basis of heterosis in rice. *J Integr Plant Biol*. 2009, 51(4): 393-408

Garcia-Oliveira Ana Luisa, Tan Lubin, Fu Yongcai and Sun Chuanqing*. Genetic identification of quantitative trait loci for contents of mineral nutrients in rice grain. *J Integr Plant Biol*. 2009, 51(1): 84-92

Li Xianran, Tan Lubin, Wang Liguo, Hu Songnian, Sun Chuanqing*. Isolation and characterization of conserved non-coding sequences among rice (*Oryza sativa* L.) paralogous regions. *Mol Genet Genomics*, 2009, 281:11-18

Tan Lubin, Xianran Li, Liu Fengxia, Sun Xiyou, Li Chenggang, Zhu Zuofeng, Fu Yongcai, Cai Hongwei, Wang Xiangkun, Xie Daoxin, Sun Chuanqing*. Control of a key transition from

prostrate to erect growth in rice domestication. *Nature Genetics*, 2008, 40(11): 1360-1364

Tan Lubin, Zhang Peijiang, Liu Fengxia, Wang Guijuan, Ye Sheng, Zhu Zuofeng, Fu Yongcai, Cai Hongwei, and Sun Chuanqing*. Quantitative trait loci underlying domestication and yield-related traits in *Oryza rufipogon* × *Oryza sativa* advanced backcross population. *Genome*, 2008, 51(1): 692-704

Li Xianran, Tan Lubin, Huang Haiyan, Zhu Zuofeng, Hu Songnian, Sun Chuanqing*. Construction of the physical map of the *gpa7* locus reveals that a large segment was deleted during rice domestication. *Plant Cell Rep*, 2008, 27: 1087-1092

Liu Fengxia, Xu Wenyong, Tan Lubin, Xue Yongbiao, Sun Chuanqing, Su Zhen. Case study for identification of potentially indel-caused alternative expression isoforms in the rice subspecies *japonica* and *indica* by integrative genome analysis. *Genomics*, 2008, 91: 186-194

Li Xianran, Tan Lubin, Huang Haiyan, Zhu Zuofeng, Li Chenji, Hu Songnian, Sun Chuanqing*. Construction of a bacterial artificial chromosome (BAC) library of common wild rice (*Oryza rufipogon* Griff.) for map-based cloning of genes selected during the domestication of rice. *Biotechnol Lett*. 2008, 30(3): 555-561

Yu Baisheng, Lin Zhongwei, Li Haixia; Li Xiaojiao, Li Jiayang, Wang Yonghong, Zhang Xia; Zhu Zuofeng, Zhai Wenxue, Wang Xiangkun, Xie Daoxin, Sun Chuanqing*. *TAC1*, a major quantitative trait locus controlling tiller angle in rice. *Plant J*. 2007, 52 (5): 891-898

Tan Lubin, Liu Fengxia, Xue Wei, Wang Guijuan, Ye Sheng, Zhu Zuofeng, Fu Yongcai, Wang Xiangkun and Sun Chuanqing*. Development of *Oryza rufipogon* and *Oryza sativa* introgression lines and assessment for yield-related quantitative trait loci. *J Integr Plant Biol*. 2007, 49:871-884

Lin Zhongwei, Griffith M. E., Li Xianran, Zhu Zuofeng, Tan Lubing, Fu Yongcai, Zhang Wenxu, Wang Xiangkun, Xie Daoxin and Sun Chuanqing*. Origin of seed shattering in rice (*Oryza sativa* L.). *Planta*. 2007, 226(1):11-20

Tian Feng, Zhu Zuofeng, Zhang Boshen, Tan Lubin, Fu Yongcai, Wang Xiangkun and Sun Chuanqing*. Fine mapping of a quantitative trait locus for grain number per panicle from wild rice (*Oryza rufipogon* Griff.). *Theor Appl Genet*. 2006, 113: 619-629

Zhang Xia, Zhou Shaoxia, Fu Yongcai, Su Zhen, Wang Xiangkun and Sun Chuanqing*. Identification of a drought tolerant introgression line derived from Dongxiang common wild rice (*O. rufipogon* Griff.). *Plant Mol Biol*. 2006, 62 (1-2): 247-259

He Guangming, Luo Xiaojin, Tian Feng, Li Kegui, Su Wei, Zhu Zuofeng, Qian Xiaoyin, Fu Yongcai, Wang Xiangkun, Sun Chuanqing* and Yang Jinshui*. Haplotype variation in structure and expression of a gene cluster associated with a quantitative trait locus for improved yield in rice. *Genome Research*. 2006, 16:618-626

Tian Feng, Li Dejun, Fu Qiang, Zhu Zuofeng, Fu Yongcai, Wang Xiangkun and Sun Chuanqing*. Construction of introgression lines carrying wild rice (*Oryza rufipogon* Griff.) segments in cultivated rice (*O. sativa* L.) background and characterization of introgressed segments associated with yield-related traits. *Theor Appl Genet*. 2006, 112: 570-580

Liu Fengxia, Sun Chuanqing*, Tan Lubin, Fu Yongcai, Li Dejun & Wang Xiangkun Identification and mapping of quantitative trait loci controlling cold-tolerance of Chinese common wild rice (*O. rufipogon* Griff.) at booting to flowering stages. *Chinese Science Bulletin*. 2003, 48(19): 2068-2071

Li Dejun, Sun Chuanqing*, Fu Yongcai, Li Cheng, Zhu Zuofeng, Chen Liang, Cai Hongwei, and Wang Xiangkun, Identification and mapping of genes for improving yield from Chinese common wild rice (*O. rufipogon* Griff.) using advanced backcross QTL analysis. Chinese Science Bulletin, 2002, 47 (18): 1533-1537

Sun C. Q*, T. B. Jiang, Y. C. Fu, X. K. Wang, Indica-Japonica differentiation of paddy rice (*Oryza sativa* L.) and its relationship with heterosis. Plant Breeding, 2002, 121: 330-337

Sun C. Q*, X. K. Wang, A. Yoshimura, K. Doi, Genetic differentiation for nuclear, mitochondrial and chloroplast genomes in common wild rice (*O. rufipogon* Griff.) and cultivated rice (*O. sativa* L.). Theor Appl Genet, 2002, 104:1335-1345

Sun C. Q*, X. K. Wang, Z. C. Li, A. Yoshimura, N. Iwata. Comparison on the genetic diversity of common wild rice (*Oryza rufipogon* Griff.) and cultivated rice (*O. sativa* L.) using RFLP markers, Theor Appl Genet, 2001, 102: 157-162

奖励情况

2007年获得国家杰出青年科学基金
2007年被评为中国农业大学杰出教师
2006年被评为中国农业大学优秀教师
2006年享受政府特殊津贴
2004年入选“教育部新世纪优秀人才支持计划”
2002年入选“教育部优秀青年教师资助计划”
1998年获教育部科技进步一等奖（第二完成人）

[修改信息]

Copyright © 2005 college of agriculture and biotechnology. All rights reserved

学院地址：北京市海淀区圆明园西路2号 邮政编码：100193 电话：（+86）010-62733399 传真：（+86）010-62733404