

元增军，博士、教授。长期从事小麦染色体工程和种质创新研究。近年来重点开展了染色体鉴定与化学诱变新技术研究。2013年成功将广泛应用的重复序列 pSc119.2 和 pAs1 开发成 8 个 56-59 nt 的单链寡核苷酸 (oligonucleotide) 探针，分别编号为 pSc119.2-1~2 和 pAs1-1~6，用于替代传统的质粒探针；目前，已经成功开发了一批高效的寡核苷酸探针（套）及利用寡核苷酸染液鉴定染色体的方法，为小麦、大麦、玉米和花生染色体工程提供了简单、经济和高效的工具；建立了利用 zebularine 诱致小黑麦染色体变异的方法；育成一批小麦-百萨偃麦草、小麦-荆州黑麦异染色体和小黑麦非整倍体，区段定位了 4 个外源有益基因；相关研究发表 SCI 论文 11 篇、会议摘要 8 篇，获得授权专利 3 项、申请 3 项，主持或参加完成国家或省部级课题 4 项。曾获 2011 年和 2016 年校级教学成果一等奖（均为第 3 位）、江苏省高等学校优秀多媒体教学课件遴选二等奖（第 5 位）和 2012 年国家技术发明二等奖（第 28 位，二级证书）；培养毕业研究生 24 名，其中 2 人分别获 2011 年江苏省优秀硕士学位论文和 2016 年校级优秀硕士学位论文。

近期发表 SCI 论文：

(1) Du Pei^(#); Zhuang Lifang^(#); Wang Yanzhi; Yuan Li; Wang Qing; Wang Danrui; Dawadondup; Tan Lijun; Shen Jian; Xu Haibin; Zhao Han; Chu Chenggen; Qi Zengjun^(*), Development of oligonucleotides and multiplex probes for quick and accurate identification of wheat and *Thinopyrum bessarabicum* chromosomes, *Genome*, 2017.2.2, 60: 93~103

(2) Ma, Xuhui^(#); Wang, Qing^(#); Wang, Yanzhi^(#); Ma, Jieyun; Wu, Nan; Ni, Shuang; Luo, Tengxiao; Zhuang, Lifang^(*); Chu, Chenggen; Cho, Seong-Woo; Tsujimoto, Hisashi; **Qi, Zengjun^(*)**, Chromosome aberrations induced by zebularine in triticale, *Genome*, 2016, 59(7): 485~492

(3) Pu Jing^(#); Wang Qing^(#); Shen Yuefeng^(#); Zhuang Lifang; Li Chenxu; Tan Mengfa; Bie Tongde; Chu Chenggen; **Qi Zengjun^(*)**, Physical mapping of chromosome 4J of *Thinopyrum bessarabicum* using gamma radiation- induced aberrations, *Theoretical and Applied Genetics*, 128: 1319~1328

(4) **Qi, Zengjun^{(#)(*)}**; Du, Pei^(#); Qian, Baoli; Zhuang, Lifang; Chen, Huafeng; Chen, Tingting; Shen, Jian; Guo, Jie; Feng, Yigao; Pei, Ziyu, Characterization of a wheat-*Thinopyrum bessarabicum* (T2JS-2BS center dot 2BL) translocation line, *Theoretical and Applied Genetics*, 2010, 121(3): 589~597

(5) Wu Nan^(#); Li Min^(#); Sun Haixing^(#); Cao Zhenglan; Liu Peng; Ding Taochun; Xu Haibin; Chu Chenggen; Zhuang Lifang^(*); **Qi Zengjun^(*)**, RNA-seq facilitates development of chromosome-specific markers and transfer of rye chromatin to wheat, *Molecular Breeding*, 2017, 13, 38

(6) Zhu Minqiu^(#); Du Pei^(#); Zhuang Lifang^(#); Chu Chenggen; Zhao Han^(*); **Qi Zengjun^(*)**, A simple and efficient non-denaturing FISH method for maize chromosome differentiation using single-strand oligonucleotide probes, *Genome*, 60: 657~664

(7) Zhuang, Lifang^(#); Liu, Peng^(#); Liu, Zhenqian^(#); Chen, Tingting; Wu, Nan; Sun, Ling; **Qi, Zengjun^(*)**, Multiple structural aberrations and physical mapping of rye chromosome 2R introgressed into wheat, *Molecular Breeding*, 2015, 35(6)

(8) Zhuang, L. F.^(#); Sun, L.^(#); Li, A. X.; Chen, T. T.; **Qi, Z. J.^(*)**, Identification and development of diagnostic markers for a powdery mildew resistance gene on chromosome 2R

of Chinese rye cultivar Jingzhouheimai, *Molecular Breeding*, 2011, 27(4): 455~465

(9)Shen, Yuefeng^(#); Shen, Jian^(#); Dawadondup; Zhuang, Lifang; Wang, Yanzhi; Pu, Jing; Feng, Yigao; Chu, Chenggen; Wang, Xiue; **Qi, Zengjun**^(*), Physical localization of a novel blue-grained gene derived from *Thinopyrum bessarabicum*, *Molecular Breeding*, 2013, 31(1): 195~204

(10)DU Pei^(#); LI Li-na^(#); ZHANG Zhong-xin; LIU Hua; QIN Li; HUANG Bing-yan; DONG Wen-zhao; TANG Feng-shou; **QI Zeng-jun**^(*); ZHANG Xin-you^(*), Chromosome painting of telomeric repeats reveals new evidence for genome evolution in peanut, *Journal of Integrative Agriculture*, 2016, 15(11): 2488~2496

(11)Wang D^(#), Zhuang LF^(#), Sun L, Feng YG, Pei ZY, **Qi ZJ**^(*). Allocation of a powdery mildew resistance locus to the chromosome arm 6RL of *Secale cereale* L. cv. 'Jingzhouheimai', *Euphytica*, 2010, 176:157-166