

GGs PRIZE 2017

TITLE	AUTHORS	published
From the laboratory to the field: assaying histone methylation at FLOWERING LOCUS C in naturally growing Arabidopsis halleri	Haruki Nishio, Diana Mihaela Buzas, Atsushi J. Nagano, Yutaka Suzuki, Sumio Sugano, Motomi Ito, Shin-Ichi Morinaga, Hiroshi Kudoh	GGs Vol. 91(2016) P15-26.
Identification of gamma ray irradiation-induced mutations in membrane transport genes in a rice population by TILLING	Jung Eun Hwang, Duk-Soo Jang, Kyung Jun Lee, Joon-Woo Ahn, Sang Hoon Kim, Si-Yong Kang, Dong Sub Kim, Jin-Baek Kim	GGs Vol. 91 (2016) P245-256.

GGs PRIZE 2016

TITLE	AUTHORS	published
Drosophila Ogg1 is required to suppress 8-oxo-guanine accumulation following oxidative stress	Takashi Yasukawa, Yasuyuki Nakahara, Jun Hirai, Yoshihiro H. Inoue	GGs Vol. 90 (2015) No. 1 P11-20.
Generation of artificial drooping leaf mutants by CRISPR-Cas9 technology in rice	Takuyuki Ikeda, Wakana Tanaka, Masafumi Mikami, Masaki Endo, Hiro-Yuki Hirano	GGs Vol. 90 (2015) No. 4 P231-235.

GGs PRIZE 2015

TITLE	AUTHORS	published
Mitochondrial genomes of Japanese Babina frogs (Ranidae, Anura): unique gene arrangements and the phylogenetic position of genus Babina.	Ryosuke Kakehashi, Atsushi Kurabayashi, Shohei Oumi, Seiki Katsuren, Masaki Hoso and Masayuki Sumida	Genes & Genetic Systems (2013) 88: 59-67

GGG PRIZE 2014

TITLE	AUTHORS	published
Expression of the rice microRNA miR820 is associated with epigenetic modifications at its own locus	Misuzu Nosaka, Akemi Ono, Aiko Ishiwata, Sae Shimizu-Sato, Kiyoe Ishimoto, Yusaku Noda and Yutaka Sato	Genes & Genetic Systems (2013) 88:105-112
Elimination of Y chromosome-bearing spermatids during spermiogenesis in an autosomal sex-ratio mutant of <i>Drosophila simulans</i>	Yusaku Yasuno, Yoshihiro H. Inoue and Masa-Toshi Yamamoto	Genes & Genetic Systems (2013) 87:113-126

GGG PRIZE 2013

TITLE	AUTHORS	published
Mutation in OsLMS, a gene encoding a protein with two double-stranded RNA binding motifs, causes lesion mimic phenotype and early senescence in rice (<i>Oryza sativa</i> L.)	Jerwin R. Undan, Muluneh Tamiru, Akira Abe, Kentaro Yoshida, Shunichi Kosugi, Hiroki Takagi, Kakoto Yoshida, Hiroyuki Kanzaki, Hiromasa Saitoh, Rym Fekih, Shailendra Sharma, Jesusa Undan, Masahiro Yano, Ryohei Terauchi	Genes & Genetic Systems (2012) 87:169-179
Quick replication fork stop by overproduction of <i>Escherichia coli</i> DinB produces non-proliferative cells with an aberrant chromosome	Mio Ikeda, Yutaka Shinozaki, Kaori Uchida, Yasuha Ohshika, Asako Furukohri, Hisaji Maki, Masahiro Tatsumi Akiyama	Genes & Genetic Systems (2012) 87:221-231

GGG PRIZE 2012

TITLE	AUTHORS	published
trans-translation-mediated tight regulation of the expression of the alternative ribosome-rescue factor ArfA in Escherichia coli	Yuhei Chadani, Emi Matsumoto, Hiroaki Aso, Takeo Wada, Kazuhiro Kutsukake, Shizuyo Sutou, Tatsuhiko Abo	Genes & Genetic Systems (2011) 86:151-163
Identification of an evolutionarily conserved, functional noncoding element regulated by Six1 homeoprotein	Yongsu Jeong, Sangtaek Oh	Genes & Genetic Systems (2010) 85:233-240

GGG PRIZE 2011

TITLE	AUTHORS	published
Genetic analysis of DNA repair in the hyperthermophilic archaeon, Thermococcus kodakaraensis	Ryosuke Fujikane, Sonoko Ishino, Yoshizumi Ishino and Patrick Forterre	Genes & Genetic Systems (2010) 85:243-257
Alu-derived cis-element regulates tumorigenesis-dependent gastric expression of GASDERMIN B (GSDMB)	Hiromitsu Komiyama, Aya Aoki, Shigekazu Tanaka, Hiroshi Maekawa, Yoriko Kato, Ryo Wada, Takeo Maekawa, Masaru Tamura and Toshihiko Shiroishi	Genes & Genetic Systems (2010) 85:75-83

GGG PRIZE 2010

TITLE	AUTHORS	published
The spatial expression patterns of DROOPING LEAF orthologs suggest a conserved function in grasses	Motokazu Ishikawa, Yoshihiro Ohmori, Wakana Tanaka, Chizuru Hirabayashi, Koji Murai, Yasunari Ogihara, Takahiro Yamaguchi and Hiro-Yuki Hirano	Genes & Genetic Systems (2009) 84:137-146

A dominant mutation of TWISTED DWARF 1 encoding an α -tubulin protein causes severe dwarfism and right helical growth in rice	Hidehiko Sunohara, Takayuki Kawai, Sae Shimizu-Sato, Yutaka Sato, Kanna Sato and Hidemi Kitano	Genes & Genetic Systems (2009) 84:209-218
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GGG PRIZE 2008

TITLE	AUTHORS	published
Mre11 mediates gene regulation in yeast spore development	Kazuto Kugou, Hiroyuki Sasanuma, Kouji Matsumoto, Katsuhiko Shirahige and Kunihiko Ohta	Vol. 82 (2007) , No. 1 p.21-33

GGG PRIZE 2007

TITLE	AUTHORS	published
RECS1 deficiency in mice induces susceptibility to cystic medial degeneration	Hanjun Zhao, Akihiko Ito, Shinya H. Kimura, Norikazu Yabuta, Naohiko Sakai, Masahito Ikawa, Masaru Okabe, Yuji Matsuzawa, Shizuya Yamashita and Hiroshi Nojima	Genes & Genetic Systems (2006) 81:41-50.
Strategies to maintain the stability of the ribosomal RNA gene repeats -Collaboration of recombination, cohesion, and condensation-	Takehiko Kobayashi	Genes & Genetic Systems (2006) 81:155-161.

GGG PRIZE 2005

TITLE	AUTHORS	published
Intracellularly inducible, ubiquitin hydrolase-insensitive tandem ubiquitins inhibit the 26S proteasome activity and cell division	Yasushi Saeki, Erika Isono, Tomoko Oguchi, Masumi Shimada, Takayuki Sone, Hiroyuki Kawahara, Hideyoshi Yokosawa and Akio Toh-e	Genes & Genetic Systems (2004) 79:77-86.
Identification and molecular characterization of novel anther-specific genes in <i>Oryza sativa</i> L. by using cDNA microarray	Makoto Endo, Tohru Tsuchiya, Hiroshi Saito, Hitoshi Matsubara, Hirokazu Hakozaki, Hiromi Masuko, Motoshi Kamada, Atsushi Higashitani, Hideyuki Takahashi, Hiroo Fukuda, Taku Demura and Masao Watanabe	Genes & Genetic Systems (2004) 79:213-226.