

Minireviews

- Cross-talk between Phosphate Starvation and Other Environmental Stress Signaling Pathways in Plants**
Dongwon Baek, Hyun Jin Chun, Dae-Jin Yun, and Min Chul Kim 697
- Current Understanding of RANK Signaling in Osteoclast Differentiation and Maturation**
Jin Hee Park, Na Kyung Lee, and Soo Young Lee 706

Research Articles

- Analysis of Genes with Alternatively Spliced Transcripts in the Leaf, Root, Panicle and Seed of Rice Using a Long Oligomer Microarray and RNA-Seq**
Songhwa Chae, Joung Sug Kim, Kyong Mi Jun, Sang-Bok Lee, Myung Soon Kim, Baek Hie Nahm, and Yeon-Ki Kim 714
- Deciphering the Genes for Taste Receptors for Fructose in *Drosophila***
Shun Uchizono, Taichi Q. Itoh, Haein Kim, Naoki Hamada, Jae Young Kwon, and Teiichi Tanimura
 731
- GSK-J4-Mediated Transcriptomic Alterations in Differentiating Embryoid Bodies**
Chanchal Mandal, Sun Hwa Kim, Sung Chul Kang, Jin Choul Chai, Young Seek Lee, Kyoung Hwa Jung, and Young Gyu Chai 737
- The Inactivation of ERK1/2, p38 and NF- κ B Is Involved in the Down-Regulation of Osteoclastogenesis and Function by A2B Adenosine Receptor Stimulation**
Bo Hyun Kim, Ju Hee Oh, and Na Kyung Lee 752
- The Candidate Tumor Suppressor Gene SLC8A2 Inhibits Invasion, Angiogenesis and Growth of Glioblastoma**
Mingqi Qu, Ju Yu, Hongyuan Liu, Ying Ren, Chunxiao Ma, Xingyao Bu, and Qing Lan 761
- Rice 7-Hydroxymethyl Chlorophyll a Reductase Is Involved in the Promotion of Chlorophyll Degradation and Modulates Cell Death Signaling**
Weilan Piao, Su-Hyun Han, Yasuhito Sakuraba, and Nam-Chon Paek 773
- Ionotropic Receptor 76b Is Required for Gustato-ry Aversion to Excessive Na⁺ in *Drosophila***
Min Jung Lee, Ha Yeon Sung, HyunJi Jo, Hyung-Wook Kim, Min Sung Choi, Jae Young Kwon, and KyeongJin Kang 787
- Identification and Expression Analyses of Equine Endogenous Retroviruses in Horses**
Jeong-An Gim, and Heui-Soo Kim 796