

目 次

综 述

- Leber 遗传性视神经病变研究进展和挑战张阿梅, 姚永刚 (123)
- 去甲基化药物治疗骨髓增生异常综合征的研究进展.....吕筱筠, 杜云霞, 戴志红, 刘铭, 刘晓宇, 张开立 (136)
- 急性高原病的遗传易感性周文婷, 胡扬 (141)
- 牦牛分子遗传多样性研究进展马志杰, 钟金城, 韩建林, 徐惊涛, 刘仲娜, 白文林 (151)

研究报告

- 中国 4 个民族群体 *HLA-G* 基因 14 bp 插入/缺失多态的分布特征及其 *HLA-A* 位点的相关性
.....张华, 陶玉芬, 史磊, 姚宇峰, 向昊, 林克勤, 黄小琴, 褚嘉祐, 史荔 (161)
- 广西仫佬族 Y 染色体和 mtDNA 的遗传结构分析王晓庆, 王传超, 邓琼英, 李辉 (168)
- 西藏牦牛微卫星 DNA 的遗传多样性李铎, 柴志欣, 姬秋梅, 张成福, 信金伟, 钟金城 (175)
- 山羊 *GOLA-DQA2* 基因多态性与血液免疫性状的相关分析邢凤, 秦孜娟, 王桂芝, 纪志宾, 王建民 (185)
- 草鱼野生群体遗传变异的微卫星分析傅建军, 李家乐, 沈玉帮, 王荣泉, 宣云峰, 徐晓雁, 陈勇 (192)
- 山女鳊(*Oncorhynchus masou masou*)体重和叉长的遗传力估算
.....张玉勇, 贾智英, 白庆利, 陈术强, 石连玉, 王炳谦 (202)
- 一个新的水稻小穗梗弯曲突变体的形态特征及基因定位杨韵龙, 吴建国, 周元飞, 石春海 (208)
- 大豆株高 QTL 的“整合”及 Overview 分析高利芳, 郭勇, 郝再彬, 邱丽娟 (215)
- 高丹草 EST-SSR 标记的开发及其遗传多样性温莹, 逯晓萍, 任锐, 米福贵, 韩平安, 薛春雷 (225)
- 沉默 *lycB* 基因对雨生红球藻类胡萝卜素合成代谢的影响龚文芳, 路立京, 刘鑫, 陈喜文, 陈德富 (233)

科学新闻

- 东北优质粳稻品种“稻花香 2 号”分子改良取得重要进展 (135)

综合信息

- 第二届“中国果蝇大会”第一轮通知 (150)
- 2013 年 35 卷第 2 期《遗传》封面说明 (184)
- Lewin 基因 X(中文版)——分子生物学的圣经级巨著 (201)

CONTENTS

Reviews

- Research progress of Leber hereditary optic neuropathy.....ZHANG A-Mei, YAO Yong-Gang (123)
- Application of DNA methyltransferase inhibitors for myelodysplastic syndrome
..... LÜ Xiao-Yun, DU Yun-Xia, DAI Zhi-Hong, LIU Ming, LIU Xiao-Yu, ZHANG Kai-Li (136)
- Genetic susceptibility for acute high altitude diseaseZHOU Wen-Ting, HU Yang (141)
- Research progress on molecular genetic diversity of the yak (*Bos grunniens*).....
.....MA Zhi-Jie, ZHONG Jin-Cheng, HAN Jian-Lin, XU Jing-Tao, LIU Zhong-Na, BAI Wen-Lin (151)

Research Articles

- Distribution of *HLA-G* 14 bp insertion/deletion polymorphism and their associations with *HLA-A* alleles in four Chinese ethnic groupsZHANG Hua, TAO Yu-Fen, SHI Lei, YAO Yu-Feng, XIANG Hao, LIN Ke-Qin, HUANG Xiao-Qin, CHU Jia-You, SHI Li (161)
- Genetic analysis of Y chromosome and mitochondrial DNA polymorphism of Mulam ethnic group in Guangxi, China WANG Xiao-Qing, WANG Chuan-Chao, DENG Qiong-Ying, LI Hui (168)
- Genetic diversity of DNA microsatellite for Tibetan Yak
.....LI Duo, CHAI Zhi-Xin, JI Qiu-Mei, ZHANG Cheng-Fu, XIN Jin-Wei, ZHONG Jin-Cheng (175)
- Association of polymorphisms of exon 2 of *GOLA-DQA2* gene with blood immune traits in goats
..... XING Feng, QIN Zi-Juan, WANG Gui-Zhi, JI Zhi-Bin, WANG Jian-Min (185)
- Genetic variation analysis of wild populations of grass carp (*Ctenopharyngodon idella*) using microsatellite markers.....
FU Jian-Jun, LI Jia-Le, SHEN Yu-Bang, WANG Rong-Quan, XUAN Yun-Feng, XU Xiao-Yan, CHEN Yong (192)
- Heritability of body weight and fork length for *Oncorhynchus masou masou*
.....ZHANG Yu-Yong, JIA Zhi-Ying, BAI Qing-Li, CHEN Shu-Qiang, SHI Lian-Yu, WANG Bing-Qian (202)
- Morphological characteristics and gene mapping of a novel bent pedicel branch (*bpb1*) mutant in rice
..... YANG Yun-Long, WU Jian-Guo, ZHOU Yuan-Fei, SHI Chun-Hai (208)
- Integration and “Overview” analysis of QTLs related to plant height in soybean.....
..... GAO Li-Fang, GUO Yong, HAO Zai-Bin, QIU Li-Juan (215)
- Development of EST-SSR marker and genetic diversity analysis in *Sorghum bicolor*×*Sorghum sudanenes*.....
..... WEN Ying, LU Xiao-Ping, REN Rui, MI Fu-Gui, HAN Ping-An, XUE Chun-Lei (225)
- Effect of silencing *lycB* gene on the carotenoid synthesis in *Haematococcus pluvialis*.....
..... GONG Wen-Fang, LU Li-Jing, LIU Xin, CHEN Xi-Wen, CHEN De-Fu (233)