

中国畜牧兽医

7
2015

ZHONGGUO XUMU SHOUYI

第42卷 第7期

CHINA ANIMAL HUSBANDRY & VETERINARY MEDICINE

Vol. 42 No.7



国家863计划科研项目 国家科技进步二等奖 国家二类新兽药

国家“绿色农用生物产品高技术产业化专项”

国兽药广审(文)2015010024号

扑伪优®

猪伪狂犬病活疫苗 (SA215株)

Swine Pseudorabies Vaccine, Live (SA215 strain)

- ❖ 纯化三基因工程缺失株 (Tk, gI, gE)
- ❖ 独特优势: 抗潜伏感染, 预防伪狂犬病
- ❖ 显著提升种代繁殖力和仔代抵抗力
- ❖ 保护期长, 抗体水平高而持久

消灭猪伪狂犬病的 尖端生物武器



好疫苗, 畜科造!



手机扫描二维码, 关注官方微信

四川华神兽用生物制品有限公司

Sichuan Huasun Veterinary Biological Products Co., Ltd

电话/传真: 028-85895885 85878977 售后专线: 028-85878879

地址: 四川省成都市双流县西航港大道枯竹林路888号 网址: www.animtech.com

ISSN 1671-7236



9 771671 723154

主管: 中华人民共和国农业部

主办: 中国农业科学院北京畜牧兽医研究所

中国畜牧兽医

ZHONGGUO XUMU SHOUYI

第 42 卷 第 7 期 2015 年 7 月

目 次

· 生 物 技 术 ·

- 水牛水通道蛋白 9 基因克隆及其表达分析 屈春风, 李 胜, 李 卉, 等(1621)
- 军曹鱼 *Hepcidin* 基因全长 cDNA 克隆及其组织表达分析 茅莉娜, 张 鹤, 冯 娟, 等(1630)
- 猪 *SKP1* 基因的克隆及其在梅山猪与杜洛克猪卵泡中的表达研究 徐梦思, 黄 涛, 刘丽娟, 等(1640)
- 广西地方禽类品种 ALV 和 REV 感染情况的调查及 ALV 分离株 *gp85* 基因序列分析 ... 钟兴福, 王培坤, 杨永立, 等(1647)
- 猪流行性腹泻病毒变异株的鉴定和分子特征分析 张 志, 程小娜, 樊雅婷, 等(1654)
- 鸡黑素皮质素受体-4 反向激动剂细胞筛选模型的建立 周家华, 李 栋, 姜军娜, 等(1661)
- 猪细小病毒 1a 型 ORF1 基因的克隆与序列分析 陈鹏强, 胡崇伟, 林群群, 等(1668)
- 猪圆环病毒 2 型 Cap 蛋白单克隆抗体的制备 梁 武, 孙 艳, 吕茂杰, 等(1674)
- miR-142-3p 对人乳腺上皮细胞 MCF-10A 增殖及乳蛋白合成的影响 谢雪娇, 栾 生, 王 媛, 等(1680)
- 水貂阿留申病基因工程诊断抗原的制备 张 蕾, 柴秀丽, 冯佩平, 等(1686)
- 转录组测序技术在绒毛用羊中的应用研究进展 李晓燕, 王晓铄, 王乐乐, 等(1692)

· 动物营养与饲料科学 ·

- 菜籽粕对 4~6 周龄浙东白鹅体增重、养分利用率及血清生化指标的影响 王惠影, 姜 涛, 刘 毅, 等(1699)
- 不同营养水平日粮对荷斯坦奶牛育肥效果的影响 李晓蒙, 李秋风, 曹玉凤, 等(1705)
- 蛋氨酸羟基类似物异丙酯(HMBi)对福建黄兔屠宰性能、肠道黏膜形态和肠道酶活的影响
..... 郑秦文, 陈思恋, 林 欣, 等(1711)
- 灌服番茄红素对 SD 大鼠运动后血浆氧化应激的影响 臧长江, 李 虎, 杨开伦, 等(1717)
- 贵州白山羊对 4 种牧草的消化及其对石漠化治理的启示 张 俞, 熊康宁, 张锦华, 等(1724)
- 补饲女贞子对泌乳奶牛生产性能及血液生化指标的影响 赵小伟, 杨永新, 黄冬维, 等(1732)
- 新疆北疆地区某集约化肉牛养殖场春季环境指标评价 梅 玮, 祁巨中, 刘英玉, 等(1738)
- 营养调控对瘤胃及羊乳和羊肉中共轭亚油酸含量影响的研究进展 张志军, 赵芸君(1747)
- 营养与表观遗传修饰关系的研究进展 宋善丹, 陈光吉, 饶开晴, 等(1755)

· 生 理 生 化 ·

- 碱性成纤维细胞生长因子对牛骨骼肌卫星细胞增殖的影响 张蔚然,代 阳,王轶敏,等(1763)
- 广西巴马小型猪动脉粥样硬化模型的制作 李艳君,宋少锐,郭亚芬,等(1770)
- EDA 基因及其信号通路在动物皮肤毛囊发育中作用研究进展 王小佳,贺建宁,柳 楠(1777)
- 线粒体未折叠蛋白反应的研究进展 李帅峰,胡 林,汪加兴,等(1782)

· 遗 传 繁 育 ·

- 北京黑猪 *PPARD* 基因 G32E 多态位点与脂肪沉积相关性状的关联分析 梁 晶,王红卫,程利安,等(1793)
- 飞行时间质谱法检测水牛黑素皮质素受体 4 基因多态性 邓廷贤,庞春英,朱 鹏,等(1800)
- 广西 5 个猪种和国外 3 个猪种 mtDNA D-loop 序列遗传多样性及进化分析 张 冰,廖海洪,农素群,等(1807)
- GPR54* 基因在绵羊不同组织中的表达及其在睾丸中的定位研究 路佩瑶,王福传,宋献艺,等(1816)
- miR-142-3p 对奶山羊乳腺上皮细胞泌乳功能的影响 王褚悦,王春梅,邵 丽,等(1823)
- 脂联素及其受体的研究进展及在生殖中的作用 白 曼,赵 佳,展 微,等(1830)
- 瘦素与哺乳动物繁殖活动关系的研究进展 张 谊(1836)

· 疾 病 防 治 ·

- 猪源携带质粒介导喹诺酮类耐药基因大肠杆菌气源性传播的研究 张晓丹,高丽丽,胡家卿,等(1842)
- 迷迭香酸与抗菌药联合对含 *fosA3* 基因细菌抑菌效果的研究 宋剑武,王鹏霞,吴永继,等(1851)
- 黄芪灵芝口服液对免疫新城疫疫苗雏鸡免疫功能的影响 周泽伟,李 楠,余峥嵘,等(1859)
- 金黄色葡萄球菌小菌落突变株感染小鼠乳房炎模型的建立 朱立力,王奇惠,时永强,等(1865)
- 透骨草水提物与抗菌药对产超广谱 β -内酰胺酶大肠杆菌的体外联合抑菌作用研究 刘增援,吴永继,孙燕杰,等(1871)
- 一株好氧反硝化细菌的分离与鉴定 郑建龙,时书宁,雍 燕,等(1877)
- 仔猪李斯特杆菌的分离与鉴定 李浩欣,段 纲,项 勋,等(1883)
- 乳酸菌发酵物与中药配伍对预防鸡大肠杆菌病协同作用的研究 王建国,李秀丽,范 寰,等(1890)
- 一株临床 2 型猪链球菌的分离鉴定及生物学特性分析 付梦玉,林丽萍,郭道初,等(1897)
- 一株山羊魏氏梭菌的分离鉴定及其致病性研究 孟 霞,孙翠平,唐 娜,等(1905)
- 口蹄疫病毒研究进展 李夏莹,郑鹭飞,张秀杰,等(1910)

CHINA ANIMAL HUSBANDRY & VETERINARY MEDICINE

Vol. 42 No. 7 (Jul. 2015)

SELECTED CONTENTS

- Cloning of buffalo *AQP9* gene and analysing its expression in the buffalo tissues
..... QU Chun-feng, LI Sheng, LI Hui, et al(1621)
- Cloning of full length cDNA and tissue expression analysis of *Hepcidin* gene from cobia
(*Rachycentron canadum*) MAO Li-na, ZHANG He, FENG Juan, et al(1630)
- Cloning of porcine *SKP1* gene and it's expression studies between Meishan and Duroc pigs with follicle
..... XU Meng-si, HUANG Tao, LIU Li-juan, et al(1640)
- Infections investigation of ALV and REV in Guangxi local poultry breeds and sequence analysis of
gp85 gene of ALV isolates ZHONG Xing-fu, WANG Pei-kun, YANG Yong-li, et al(1647)
- Identification and molecular characteristics analysis of porcine epidemic diarrhea virus variants
..... ZHANG Zhi, CHENG Xiao-na, FAN Ya-ting, et al(1654)
- Establishment of cell screening model for discovering antagonists of chicken melanocortin-4 receptor
..... ZHOU Jia-hua, LI Dong, JIANG Jun-na, et al(1661)
- Cloning and sequence analysis of *ORF1* gene of porcine Torque teno sus virus type 1a
..... CHEN Peng-qiang, HU Chong-wei, LIN Qun-qun, et al(1668)
- Preparation of monoclonal antibodies against porcine circovirus type 2 Cap protein
..... LIANG Wu, SUN Yan, LV Mao-jie, et al(1674)
- Effect of miR-142-3p on cell proliferation of human mammary epithelial cells MCF-10A and synthesis of
milk protein XIE Xue-jiao, LUAN Sheng, WANG Yuan, et al(1680)
- Preparation of genetic engineering diagnostic antigen of mink Aleutian disease
..... ZHANG Lei, CHAI Xiu-li, FENG Pei-ping, et al(1686)
- Application research progress on transcriptome sequencing technology in wool sheep and
cashmere goat LI Xiao-yan, WANG Xiao-shuo, WANG Le-le, et al(1692)
- Effect of rapeseed meal on weight gain, nutrient utilization and serum biochemical indexes of Zhedong
White geese from 4 to 6 weeks WANG Hui-ying, JIANG Tao, LIU Yi, et al(1699)
- Effect of different dietary nutrition levels on fattening effect of Holstein bulls
..... LI Xiao-meng, LI Qiu-feng, CAO Yu-feng, et al(1705)

- Effect of HMBi on slaughter performance, intestinal mucosal morphology and intestinal enzyme activity
of Fujian Yellow rabbits ZHENG Qin-wen, CHEN Si-lian, LIN Xin, et al(1711)
- Effects of intragastric lycopene on oxidative stress of blood after exercise SD rats
..... ZANG Chang-jiang, LI Hu, YANG Kai-lun, et al(1717)
- The digestion of Guizhou White goat on the four forages and its enlightenment on rocky desertification
control ZHANG Yu, XIONG Kang-ning, ZHANG Jin-hua, et al(1724)
- Effect of supplementation of *Ligustrum iucidum Ait* on production performance and blood biochemical
indices in dairy cows ZHAO Xiao-wei, YANG Yong-xin, HUANG Dong-wei, et al(1732)
- Evaluation of the environmental indices in a beef cattle farm in the North of Xinjiang
..... MEI Wei, QI Ju-zhong, LIU Ying-yu, et al(1738)
- Research progress of nutrition regulation on conjugated linoleic acid in rumen, goat's milk
and mutton ZHANG Zhi-jun, ZHAO Yun-jun(1747)
- Research progress on relationship between nutrition and epigenetic modification
..... SONG Shan-dan, CHEN Guang-ji, RAO Kai-qing, et al(1755)
- Effect of basic fibroblast growth factor on the proliferation of bovine skeletal muscle satellite cells
..... ZHANG Wei-ran, DAI Yang, WANG Yi-min, et al(1763)
- Preparation of atherosclerosis model using Guangxi Bama mini-pig
..... LI Yan-jun, SONG Shao-rui, GUO Ya-fen, et al(1770)
- Research progress on *EDA* gene and its role in the development of animal hair follicle
..... WANG Xiao-jia, HE Jian-ning, LIU Nan(1777)
- Research progress on mitochondrial unfolded protein response
..... LI Shuai-feng, HU Lin, WANG Jia-xing, et al(1787)
- Association study on *PPARD* gene G32E polymorphic site with fat deposit related traits in Beijing
Black pigs LIANG Jing, WANG Hong-wei, CHENG Li-an, et al(1793)
- Rapid detection of SNPs in buffalo *MC4R* gene by matrix-assisted laser desorption/ionization time-of-flight
mass spectrometry DENG Ting-xian, PANG Chun-ying, ZHU Peng, et al(1800)
- The genetic diversity and phylogenetic relationships of five Guangxi pig breeds and three exotic
pig breeds by analysis of mtDNA D-loop sequences
..... ZHANG Bing, LIAO Hai-hong, NONG Su-qun, et al(1807)

- Expression of *GPR54* gene in different tissues and cellular localization in testis of sheep
 LU Pei-yao, WANG Fu-chuan, SONG Xian-yi, et al(1816)
- Effect of miR-142-3p on lactation in dairy goat mammary epithelial cells
 WANG Chu-yue, WANG Chun-mei, SHAO Li, et al(1823)
- Research progress on adiponectin and its receptors and their roles in reproduction
 BAI Man, ZHAO Jia, ZHAN Wei, et al(1830)
- Research advance on the relationship between Leptin and reproduction activities of mammal
 ZHANG Yi(1836)
- Study on aerotransmission of *Escherichia coli* carrying the plasmid-mediated quinolone resistance genes
 of swine ZHANG Xiao-dan, GAO Li-li, HU Jia-qing, et al(1842)
- Study on the effect of the rosemarinic acid combined with antibacterial agents on the bacterial with
 gene *fosA3* SONG Jian-wu, WANG Peng-xia, WU Yong-ji, et al(1851)
- Effects of the oral liquid of *Astragalus* and *Lucidum* polysaccharides on immunological function in
 chickens immuned with ND vaccine ZHOU Ze-wei, LI Nan, YU Zheng-rong, et al(1859)
- Establishment of mastitis model in mouse by artificial infection of *Staphylococcus aureus* small colony
 variants ZHU Li-li, WANG Qi-hui, SHI Yong-qiang, et al(1865)
- Study on the antibacterial effects of queous extract of *Phryma leptostachya* L. var. *asiatica* Hara combined
 with antibiotics *in vitro* against ESBLs-producing *E. coli*
 LIU Zeng-yuan, WU Yong-ji, SUN Yan-jie, et al(1871)
- Isolation and identification of an aerobic denitrifying bacterium
 ZHENG Jian-long, SHI Shu-ning, YONG Yan, et al(1877)
- Isolation and identification of *Listeria* in piglets LI Hao-xin, DUAN Gang, XIANG Xun, et al(1883)
- Study on synergistic effect of lactic acid bacteria yeast matched with traditional Chinese medicine on
 preventing chicks from colibacillosis WANG Jian-guo, LI Xiu-li, FAN Huan, et al(1890)
- Isolation, identification and biological characteristics analysis of a strain of clinical *Streptococcus suis*
 serotype 2 FU Meng-yu, LIN Li-ping, GUO Dao-chu, et al(1897)
- Isolation, identification and pathogenicity research of a strain of *Clostridium perfringens* from goat
 MENG Xia, SUN Cui-ping, TANG Na, et al(1905)
- Advance on foot-and-mouth disease virus LI Xia-ying, ZHENG Lu-fei, ZHANG Xiu-jie, et al(1910)

黑金刚



- I：解决亚健康、免疫抑制、防疫失败等问题。
- II：无副作用，作用直接有效。
- III：多种卵黄抗体：圆环蓝耳、流行腹泻、抑生长激素抗体。



源自美国

广州市猪王饲料有限公司
花都区花东镇阳升村8号
Tel: 400-636-2223