

生物工程学报

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- 12:2767 人乳寡糖 2'-FL 和 3-FL 的生物制备研究进展
徐铮 李娜 陈盈利 张雯瑞 朱婉莹
- 12:2779 胆汁酸检测技术研究进展与生物传感器开发现状
董恩鹏 郑军平 刘洪涛
- 12:2791 三维基因组学研究进展
张富涵 沈宗毅 喻长远 杨昭
- 12:2813 人表皮生长因子的研究进展
吴美玉 阮靖华 钟伯雄

动物及兽医生物技术

- 1:57 马流产沙门菌重组鞭毛蛋白 FliC 和 FliB 免疫原性比较
王浩 易鸳鸯 古丽米热·对山巴依 樊庆庚 苏艳
- 1:67 人乳铁蛋白 (hLF) 转基因山羊的遗传背景分析
宋绍征 张旻 李丹 陈朝军 于康英 张婷 周鸣鸣 成勇
- 2:250 捻转血牙线虫丙硫咪唑耐药相关 lncRNA 的转录组学测序与分析
赵学亮 王文龙 呼和巴特尔
- 2:259 不同品系肉鸡 *Gimap5* 基因的表达与功能
张婉婷 吴官县 徐思凡 王秋媛 刘洋 满朝来
- 2:267 转座子引起的猪 *knl1* 基因结构变异及其与生产性能的关联分析
陈才 陈伟 郑尧 顾浩 王伟 王宵燕 高波 宋成义
- 4:693 鸭 *C4BP α* 的克隆、表达及其与鸭疫里默氏菌的互作
李德龙 谭理娟 谷九九 王思媛 刘婷 陈思怀 高继业 唐发书 李继祥
- 5:899 *SCD-1* 基因过表达对鸭子宫上皮细胞钙离子和脂质含量的效应
李杰章 罗华伦 谭光辉 吴磊 覃媛钰 张依裕
- 5:908 藏绵羊子宫内膜炎主要致病菌多重 PCR 检测方法的建立与评价
韩金辉 王萌 潘阳阳 胡学权 张兴云 崔燕 徐庚全 王立斌 余四九
- 6:1113 猪流行性腹泻病毒 ORF3 蛋白 40-91 aa 是其细胞质定位的关键结构域
陈冰清 沈娟 司徒生 董世娟 于瑞嵩 谢春芳 李震
- 7:1305 嵌合型口蹄疫病毒样颗粒构建、表达及鉴定
刘斌欢 郭慧琛 杜平 董虎 郭梦楠 孙世琪
- 7:1314 基因 I 型乙型脑炎病毒亚单位疫苗候选抗原的免疫原性比较
于瑞明 田占成 高闪电 独军政 刘光远 罗建勋 殷宏
- 7:1323 嗜水气单胞菌胁迫下东北林蛙 *MHC 1* 基因在不同组织的表达
边若菲 徐笑 刘玉芬 刘鹏 赵文阁
- 8:1536 马麝出血症病毒 VP60 主要抗原表位区的串联表达及对家兔的免疫保护效力分析
包世俊 张金燕 贺健 张阳阳 邢小勇 温峰琴 伏小平 武小椿
- 9:1817 绵羊粒细胞集落刺激因子原核表达与提纯及用于颗粒细胞培养的效果
李国婷 陈龙欣 张丽萌 何海迎 王永 杨若晨 段春辉 刘月琴 王玉琴 张英杰
- 10:2066 三种禽病毒抗原的串联表达、纯化及活性鉴定
张素玲 王孟月 王彦伟 吴芃 逢文强 田克恭
- 10:2076 口蹄疫病毒自身核酸片段对病毒样颗粒组装的促进作用
柳海云 董虎 靳野 郭慧琛 孙世琪
- 10:2083 表达兔出血症病毒 VP60 蛋白的重组兔粘液瘤病毒的构建与初步评价
王媛 于倩 李毅 董衍明
- 11:2357 口蹄疫病毒非结构蛋白 3AB 双抗体夹心 ELISA 方法的建立
付元芳 何伟 孙普 杨林 包慧芳 曹轶梅 白兴文 李平花 李冬 陈应理 刘磊 卢曾军 刘在新

工业生物技术

- 1:77 甲羟戊酸途径限速步骤研究及其在产番茄红素重组大肠杆菌中的应用
李贞霞 陈倩倩 唐金磊 李清艳 张学礼
- 1:90 强化类球红细菌辅因子 NADPH 再生以提高法尼醇的产量
许曼 江贤章 黄建忠 祁峰
- 2:276 宏基因组来源新过水解酶的分子克隆与酶学特性
董冰雪 押玉柯 张伟 张英君 李彩彩 徐安乐 李会庭 毛润乾
- 2:287 氮源对阿维菌素合成的影响及基于二氧化碳释放速率的阿维菌素发酵调控
徐瑶 吴涛 郭美锦 庄英萍 王得明 樊乐
- 2:295 谷氨酸棒杆菌一步法发酵糖质原料生产 γ -聚谷氨酸
程慧 陈国园 朱亚鑫 曹蓉 徐国强 张晓梅 史劲松 许正宏
- 5:920 利用分子环化技术提高瘤胃微生物木聚糖酶热稳定性
周可鑫 王欢 朱鑫涛 郑安琪 李铭 孙小宝 高德英 安培培 王佳莹 钱国英 王谦
- 5:932 苜蓿链霉菌内切 β -N-乙酰氨基葡萄糖苷酶的克隆、表达及酶学性质
李玲璐 胡少锋 谷天燕 吕晨茵 刘妍迪 刘华 顾金刚 赵国刚
- 6:1126 能量代谢工程促地衣芽胞杆菌 DW2 高效合成杆菌肽
杨清 朱杉 崔乃香 张博闻 王志 陈晓斌 刘军 李俊辉 蔡冬波 杨之帆 陈守文 马昕
- 6:1138 基于重组氧化葡萄糖酸杆菌生物合成吡咯喹啉酮
叶润乐 李泮 丁凡 赵振辉 陈晟 袁建锋
- 7:1334 高效合成番茄红素酿酒酵母菌株的构建
孙玲 王均华 蒋玮 李由然 张梁 丁重阳 顾正华 石贵阳 徐沙
- 8:1546 肠膜明串珠菌蔗糖磷酸化酶的酶学表征及在催化合成 α -熊果苷中的应用
李晓玉 夏媛媛 沈微 杨海泉 曹钰 陈献忠
- 8:1556 基于多重计算设计策略提高枯草芽孢杆菌脂肪酶的热稳定性
向玉 张萌 许菲
- 8:1568 谷氨酸棒杆菌过氧化氢酶的异源表达、纯化以及酶学性质
杨弘宇 张雪 马振平 徐宁 刘君
- 8:1578 红球菌低分子量型脯水合酶的异源激活及激活子的结构域功能
王甜忆 程中一 郭军玲 夏媛媛 刘中美 周哲敏
- 9:1828 随机-半理性组合突变改造 ω -转氨酶催化合成 (R)-1-(1-萘基)乙胺
曹旭东 韩瑞枝 方红辉 倪晔
- 10:2092 细胞分裂蛋白编码基因的敲除对丙酮丁醇梭菌溶剂合成与细胞形态的影响
张萌 薛闯
- 10:2104 使用动态分子开关调控大肠杆菌生产莽草酸
侯建岫 高聪 陈修来 刘立明
- 10:2113 TCA 循环关键节点对 L-谷氨酸合成的影响
乔郭纳 徐美娟 龙梦飞 杨奎伟 张显 中西秀树 饶志明
- 11:2367 定向进化改造酪氨酸解氨酶提高大肠杆菌合成对香豆酸产量
霍亚楠 吴凤礼 宋国田 涂然 陈五九 花尔并 王钦宏
- 11:2377 高产表面活性素的重组枯草芽孢杆菌构建及培养优化
王苗苗 于慧敏 何欣 李艳梅 杨怀宇

海洋生物技术

- 8:1590 基于重组毕赤酵母的斑点叉尾鲷 β -防御素表达
王莎莎 吕星星 赵震 陶妍 谢晶 钱韻芳

合成生物技术

- 2:309 一种高效的多点组合突变克隆构建方法 (英文)
王杰 逯晓云 刁爱坡 江会锋
- 4:700 人工合成根特异启动子 SRSP 的功能分析
崔文文 迟婧 冯艳芳 耿丽丽 刘荣梅
- 5:942 生物催化甲醛生成 L-木糖
初霁林 逯晓云 刘玉万 崔博 靖美东 江会锋
- 9:1838 产对香豆酸酿酒酵母工程菌株的构建与优化
张思琪 周景文 张国强 陈坚
- 10:2126 聚球藻 UTEX 2973 中光碳驱动的高密度燃料合成
李树斌 孙楠 陈磊 张卫文
- 11:2387 新型生长快速需钠弧菌基因组无痕编辑体系构建
吴凤礼 梁艳霞 张媛媛 霍亚楠 王钦宏

12:2838 水飞蓟来源黄酮 3-羟化酶鉴定及黄杉素发酵优化
高松 周景文 陈坚

农业生物技术

- 1:100 家蚕抗性品系 NC99R 抗 BmNPV 作用机制分析
董战旗 雷雪蛟 秦琪 张新铃 唐亮 石美宁 潘敏慧
- 4:707 CRISPR/Cas9 技术编辑 *OsRhoGDI2* 基因导致水稻半矮化
王凯婕 安文静 刘亚菲 刘迪 冯连杰 王俊杰
黄俊骏 刘肖飞 梁卫红
- 4:716 大豆硬脂酰-ACP Δ9 脱氢酶 (*GmSAD*) 基因家族的鉴定及功能分析
邓咪咪 刘宝玲 王志龙 薛金爱 张红梅 李润植
- 5:949 大豆花叶病毒半复分离物侵染性克隆构建及鉴定
张丽 王德富 裴燕妮 咸坤 牛颜冰
- 6:1170 芥菜 HDA9 突变体构建及其与开花整合子 *SOC1*、*AGL24* 启动子互作
张俊利 蒋炜 李晟男 周雯文 王志敏 魏大勇 王鹤冰 汤青林
- 6:1181 棘孢木霉挥发性次级代谢产物检测及抑菌活性分析
陶玲芸 张怡雯 李雅乾 罗来鹏 张曾鲁 陈捷
- 8:1610 基于转录组测序的 Cd 胁迫下芹菜细胞自噬相关基因的筛选
肖旭峰 李猛 司舒成 范淑英 吴才君 张明
- 8:1620 穗醋栗 *dfr* 的克隆及其在果实成熟过程中的表达
刘学 冯秋影 杨琳琳 徐启江
- 9:1849 β-甘露聚糖酶 Man5A 和木聚糖酶 Tlxyn11B 的融合表达
孔海洋 蒋肖 王苑 黄火清 罗会颖
- 9:1859 木霉菌合成银纳米粒子条件的优化及其对甜瓜尖孢镰刀菌抑制作用
姚薇 曲明星 崔晓慧 夏润奎 刘限
- 9:1869 红蓝光调控茉莉开花的转录组分析
陈笛 郭永春 陈雪津 王鹏杰 陈桂信 叶乃兴
- 11:2398 羽衣甘蓝 *SEPALLATA*-like 基因的系统发育与表达分析
相元萍 黄云彤 贺洪军 徐启江
- 12:2850 长柄扁桃叶绿体基因组比较
段春燕 张凯 段义忠

食品生物技术

- 5:959 干酪乳杆菌 L-乳酸脱氢酶突变体在毕赤酵母中的表达及其不对称还原
苯丙酮酸
张婷 李剑芳 胡蝶 李闯 胡博洋 邹敏辰
- 6:1190 泸型酒酒醅与窖泥中梭菌群落结构、演替和功能差异
钱玮 陆震鸣 柴丽娟 张晓娟 徐鹤翔 李崎 王松涛 沈才洪
史劲松 许正宏
- 8:1629 乳酸乳球菌 NZ9000 基因组规模代谢网络模型的构建与验证
孙伟康 张娟 堵国成
- 8:1640 定点突变提高解淀粉芽孢杆菌 JP-21 脲酶应用特性
贾云耀 方芳
- 9:1887 罗伊氏乳酸杆菌 SL001 对 AD 模型小鼠和 C57BL/6 小鼠肠道微生物的影响
刘梅梅 胡汝倩 郭耀文 孙卫忠 李建涛 范明亮 王燕 杜华茂
唐志如 柴春利

医学与免疫生物技术

- 1:109 RIG-I 敲除 293T 细胞系的建立及其对 B 型流感病毒复制的影响
田璐 焦鹏涛 侯力丹 李芸 宋正宇 刘文军 范文辉 孙蕾
- 1:122 人 CS1-Fc 融合蛋白的真核表达、蛋白纯化及生物学效应鉴定
陈如章 王茜桐 李燕晨 高基民
- 1:133 人同型融合和蛋白质分选复合体系的原核表达、蛋白纯化及功能验证
陈玉 郭仁朋 黄赛飞 宋丹 刘蓉
- 7:1378 ISA 61 VG 佐剂增强单核细胞增生李斯特氏菌灭活疫苗的保护性免疫应答
朱腾飞 孟凡增 姚浩 王玉婷 焦新安 殷月兰
- 7:1386 CRISPR/Cas9 敲除 *PLIN1* 基因增强 3T3-L1 脂肪细胞的脂解作用
冯晨毅 许祥 董维鹏 陈朝阳 燕炯
- 7:1395 一种经 microRNA 敲低 PD-1 的新型慢病毒载体在 CAR-T 细胞中的应用
陈辉 金熙 张校曼 高基民

医药生物技术

- 2:320 新早期胃癌标志物 PRDX4 通过清除 ROS 促进胃癌的发生发展 (英文)
贾茹涵 石大林 李文慧 杨静 张艳敏 韩跃武
- 4:732 一种基于荧光 qPCR 检测新型冠状病毒核酸的优化反应体系的建立及相关测试
李学龙 刘军花 刘茜阳 于琳 吴珊珊 尹秀山
- 4:740 免疫细胞浸润在非小细胞肺癌诊断与预后中的应用
万辉辉 刘振浩 潘小秀 王广志 徐勇 谢鹭 林勇
- 4:750 微生物来源的谷氨酰胺转氨酶 (mTG) 介导的单一固定点修饰的 PEG
IFN-α2a (英文)
惠希武 曹卫荣 张迪 盖文丽 李书莉 李银贵
- 5:969 一种真核细胞分泌型重组融合蛋白 rPC 的构建、表达与纯化
李春春 谢雨琼 曹江 邵吉民
- 5:979 靶向 GPC3 的第四代嵌合抗原受体 T 细胞 (分泌 IL-7 和 CCL19) 的构建
以及功能
黄婉莉 刘宇 胡耀狄 高基民
- 6:1198 FADD 形成淀粉样蛋白纤维及其在果蝇免疫信号传递中的作用
王鑫怡 肖晓艺 孙畅 王菲
- 8:1650 艾纳香内生真菌粉红粘帚霉抗菌次级代谢产物
舒雪纯 张影波 官玲亮 陈振夏 黄梅 陈晓鹭 袁媛 元超
- 9:1899 O2 血清型肺炎克雷伯氏菌多糖结合疫苗的生物合成
张璐璐 潘超 冯尔玲 华孝挺 俞云松 王恒樑 朱力
- 10:2139 硒蛋白 TrxR1 介导甲基还原: 催化特性和抑制作用
张楠 孙世博 张岳 杨宜佳 张意慈 陈继红 徐卫平 马强
许建强
- 10:2151 沉默 PPP3CA 对后肾间充质细胞 MET 转化、凋亡、增殖及迁移的
影响
辜玉萍 陈蕾 李千音
- 10:2162 靶向 CS1 的 CAR-T 细胞构建及其抗肿瘤活性的体外研究
张伟光 王春玲 陶智博 尹昌林 高基民
- 11:2413 急性白血病细胞中 JAK/STAT5 和 PI3K/AKT 信号通路对 eIF4B 的协同调
控作用
马云 李婷婷 冯日月 郭桂杰 潘启东 李建宁 陈吉龙
- 11:2424 人丙氨酸氨基转移酶同工酶在人体组织中的分布
舒小琴 胡小梅 郑健 李杰 张娟
- 12:2860 抗 GPC3 单链抗体的制备及其在肝细胞癌靶向检测中的应用
向新楚 刘雪 胡耀凯 赵成君 罗文新
- 12:2868 组织基质金属蛋白酶抑制剂-2 的表达纯化及活性鉴定
薛爱英 冯国兴 朱长春 樊赛军
- 12:2877 槲皮素与 DNA 的相互作用
王弋

组织工程与细胞培养

- 2:332 一种可止血的富血小板血浆壳聚糖/丝素蛋白多孔伤口敷料的制备及性
能表征
韩汀汀 贺曾 钟锐 张学俊 王红
- 6:1209 机械搅拌式动物细胞反应器不同桨型组合的 CFD 数值模拟与优化
丁宁 李超 白力 郭美锦 庄英萍 张嗣良

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