

Dose-effect research using nanopatch to deliver siRNA in the inhibition of HPV gene expression

Z Xiong, X Dong, P Sun, Y Zhang - Sheng wu yi xue gong cheng ..., 2013 - europepmc.org
... vitro. Tumor xenografts were transfected with siE7 and GenEscort III by nanopatch ...
vivo. We transfected GenEscort III and siE7 of Different concentration into tumor
xenografts respectively by nanopatch and intraperitoneal injection ...

☆ 被引用次数: 2 相关文章 所有 2 个版本

PMS1077 sensitizes TNF- α induced apoptosis in human prostate cancer cells by blocking NF- κ B signaling pathway

J Shi, J Chen, N Serradi, X Xu, H Zhou, Y Ma, Z Sun... - PLoS ..., 2013 - journals.plos.org
... TNF- α was purchased from Pepro Tech. GenEscort™ Transfection Reagent was purchased from
Wisegen Biotechnology Corporation (Nanjing, China). Transfection and luciferase reporter assay.
DU145 and PC3 cells were seeded into 60 mm tissue culture dishes, respectively ...

☆ 被引用次数: 15 相关文章 所有 13 个版本

The effect of dexamethasone on lentiviral vector infection is associated with importin α

S Deng, Y Zhou, D Ouyang, J Xiong... - Biomedical ..., 2014 - spandidos-publications.com
... Louis, MO, USA) without serum and mixed gently. Preparation of the GenEscort III complex. A
total of 36 μ l GenEscort III (Wisegen Biotechnology Corp., Nanjing, China) were diluted in 1.5
ml DMEM without serum, mixed gently and incubated for 5 min at room temperature ...

☆ 相关文章 所有 7 个版本

Role of activating transcription factor 3 (ATF3) in sublytic C5b-9-induced glomerular mesangial cell apoptosis

X Jiang, J Zhang, M Xia, W Qiu, H Wang... - Cellular & molecular ..., 2010 - nature.com
... GenEscort III was supplied by Wisegen (Nanjing, China) ... Transient transfection of ATF3
expression plasmids or ATF3 shRNA expression plasmids into the cultured GMCs was
conducted using GenEscort III according to the manufacturer's instructions ...

☆ 被引用次数: 13 相关文章 所有 14 个版本

Application of intra-molecular fluorescence complementation in the topology examination of polytopic proteins in living cells

X Chang, G Cao, K Wang, X Zhang... - Acta biochimica et ..., 2015 - academic.oup.com
... Logan, USA). Cells (1×10^5 per well) were seeded in 6-well plate, and cultured
for 24 h. The mixture of 0.2 μ g DNA and 1 μ l liposome (GenEscort III, Wisegen, Nanjing,
China) was added into each well. Confocal images were ...

☆ 相关文章 所有 8 个版本

Identification of an intestine-specific promoter and inducible expression of bacterial α -galactosidase in mammalian cells by a lac operon system

Y Zhai, G Shu, X Zhu, Z Zhang, X Lin... - Journal of animal ..., 2012 - jasbsci.biomedcentral.com
... Transient transfections were performed using GenEscort™ III (Wisegen, China) with
approximately 1.5×10^5 cells/well in 24-well dishes and 2 μ g of each DNA. Plasmids were
purified with the EZNA™ EndoFree Plasmid Kit (Omega, China) ...

☆ 被引用次数: 4 相关文章 所有 17 个版本

BMP-2 gene modified canine bMSCs promote ectopic bone formation mediated by a nonviral PEI derivative

K Lü, D Zeng, Y Zhang, L Xia, L Xu, DL Kaplan... - Annals of biomedical ..., 2011 - Springer
The study was to explore the effects of BMP-2 gene modified canine bone
marrow stromal cells (bMSCs) mediated by a nonviral PEI derivative
(GenEscort™ II) in promoting bone formation in vitro and in v ...

☆ 被引用次数: 23 相关文章 所有 15 个版本

IL-17-triggered downregulation of miR-497 results in high HIF-1 α expression and consequent IL-1 β and IL-6 production by astrocytes in EAE mice

K Shan, R Pang, C Zhao, X Liu, W Gao... - Cellular & molecular ..., 2017 - nature.com
... A Neon transfection system was provided by Invitrogen. GenEscort III was from Wisegen
(Nanjing, China) ... HEK293T cells were transfected with corresponding miRNAs or plasmids
using GenEscort III according to the manufacturer's instructions ...

☆ 被引用次数: 9 相关文章 所有 4 个版本

运用纳米板转导siRNA 抑制HPV 基因表达的量效学探究

熊倬, 董晓静, 孙培文, 张莹 - 生物医学工程学杂志, 2013 - cqvip.com
... 宫颈癌动物模型), 分析siRNA对HPV基因表达的抑制作用, 进而探讨纳米板在动物水平上转导siRNA
的优越性及转导的最佳作用时间和浓度。合成针对HPV18E7mRNA的siRNA (简称siE7), 细胞实验检测
siE7转录后的沉默效果。采用纳米板转导siE7与GenEscort (转染试剂) 复合物进入 ...

☆ 相关文章 所有 2 个版本

Expression pattern of testis-specific expressed gene 2 in cryptorchidism model and its role in apoptosis of spermatogenic cells

T Hu, Z Wang, F Zeng, X Chen, Z Gu, L Zheng... - Journal of Huazhong ..., 2010 - Springer
... The intratesticular injection procedure was previously described[8, 9]. In PEI group, the testes
were injected with PEI. In vector and TSEG-2 groups, the plas- mid DNA (pEGFP-N1 or
pEGFP-TSEG-2) was mixed with PEI (GenEscort™ III, Nanjing Wisegen Biotech- nology Co ...

☆ 被引用次数: 2 相关文章 所有 8 个版本

Effect and Influence of hTERT Specificity Ribozyme on Breast Cancer MCF-7 Activity

FAN Li, LUO Su, J Rui - Journal of Beihua University (Natural ... , 2008 - en.cnki.com.cn
... and hTERT was detected by RT-PCR; cell proliferation by MTT; telomerase activity by TRAP; cell apoptosis by FCM. Results Effects of telomerase hTERT ribozyme on MCF-7 cell is tested. pcDNA3.1(+)-RZ had been successful transfected into MCF-7 cell by GenEscort™ TMII. We ...
☆ 77 相关文章 22

Ectopic study of calcium phosphate cement seeded with pBMP-2 modified canine bMSCs mediated by a non-viral PEI derivative

K Lü, D Zeng, W Zhang, L Xia, L Xu... - Cell biology ... , 2012 - Wiley Online Library
... new bone formation effects of CPC (calcium phosphate cement) seeded with pBMP-2 (plasmids containing bone morphogenetic protein-2 gene) transfected canine bMSCs (bone marrow stromal cells) mediated by a non-viral PEI (polyethylenimine) derivative (GenEscort™ II) in ...
☆ 77 被引用次数: 9 相关文章 所有 3 个版本

Suppression of HSP70 expression sensitizes NSCLC cell lines to TRAIL-induced apoptosis by upregulating DR4 and DR5 and downregulating c-FLIP-L expressions

H Zhuang, W Jiang, X Zhang, F Qiu, Z Gan... - Journal of molecular ... , 2013 - Springer
... When tumors reached a size of approximately 5 × 5 mm², the mice were arbitrarily assigned to different groups to receive intratumoral injections of 20 µl GenEscort™ Reagent (Wisegen Biotechnology, Nanjing, China) complexed with psiLUC, psiHSP27, psiHSP70, or PBS ...
☆ 77 被引用次数: 28 相关文章 所有 8 个版本

大鼠野生型Gadd45y 基因和Gadd45y shRNA 真核表达质粒的构建及鉴定

车楠, 邱文, 夏梅, 赵聃, 王迎伟 - 南京医科大学学报: 自然科学版, 2009 - cqvip.com
... GMC) 中过表达及沉默Gadd45y基因的情况。方法: 用DNA重组技术将针对大鼠Gadd45y基因的cds区序列或针对其不同位点所设计的4对shRNA序列分别克隆到真核表达质粒pcDNA3.1 / HA或pGCSi . U6 . neo . GFP中。在酶切分析及序列测定正确后, 用GenEscort™ TM III ...
☆ 77 被引用次数: 1 相关文章 所有 3 个版本

载体介导的RNA 干扰技术抑制肝癌细胞中糖原合成酶激酶3β 表达的研究

张娜, 刘璐, 窦玥莹, 王真, 宋丹青, 李电东... - 中国医药生物 ... , 2015 - cmbp.net.cn
... T4 DNA 连接酶、限制性内切酶、PCR 产物纯化试剂盒、胶回收试剂盒等购自大连宝 生物公司; DMEM 高糖培养基和胎牛血清购自美国Hyclone 公司; caspase-3 底物DEVD-AFC、 GSK-3β 抗体、β-actin 抗体和羊抗兔或小鼠二抗购自美国Santa Cruz 公司; GenEscort II 转染试剂购 ...
☆ 77 相关文章 所有 4 个版本 22

siRNA 沉默PI3K 基因激活FoxO3a 基因并抑制人乳腺癌裸鼠移植瘤生长的实验研究

黄伟翼, 靖大道, 沈赞 - 肿瘤, 2008 - tumorsci.org
... 1 材料与方法 1.1 实验材料 人乳腺癌细胞株MCF-7由复旦大学附属肿瘤医院邵志敏教授惠赠, 用含10%胎牛血清和2 mmol/L谷氨酸的DMEM培养液, 于体积分数为5%的CO₂、37℃条件下培养。Actin、PI3K和FoxO3a多克隆抗体购自美国Upstate Biotechnology公司。GenEscort™ TM III ...
☆ 77 被引用次数: 4 相关文章 所有 4 个版本 22

蛋白激酶SGK3 过表达对乳腺癌细胞株MDA-MB-231 影响的研究

郭红艳, 孙晓杰, 刘秀财, 刘波, 李淑艳, 张冬梅 - 中华肿瘤防治杂志, 2016 - cqvip.com
... 参与细胞增殖、分化和物质转运等生命活动, 在某些肿瘤形成中担任重要角色。本研究设计观察SGK3过表达对乳腺癌细胞株MDA-MB-231细胞增殖和存活的影响, 并初步探讨其作用的分子机制。方法免疫组化方法检测乳腺癌组织中SGK3蛋白的表达; 通过GenEscort™ TM I 介导入重组质粒 ...
☆ 77 被引用次数: 1 相关文章 所有 2 个版本

SublyticC5b-9 诱导Gadd45y 表达对Thy-1 肾炎GMCs 凋亡病变的影响

车楠 - 2009 - cdmd.cnki.com.cn
... mesangial cells, GMCs)中过表达及沉默Gadd45y基因的情况。方法: 用DNA重组技术将针对大鼠Gadd45y基因的cds区序列或针对其不同位点所设计的4对shRNA序列分别克隆到真核表达质粒pcDNA3.1/HA或pGCSi.U6.neo.GFP中。在酶切分析及序列测定正确后, 用GenEscort™ (TM) III ...
☆ 77 22

牛病毒性腹泻病毒抗原检测, 流行病学研究及分离株E2 基因的克隆表达

钟发刚 - 成都: 四川农业大学, 2008 - cdmd.cnki.com.cn
... E2蛋白的真核重组质粒pVAXI-E2; 经过PCR、酶切及测序表明: pProEX HTa-E2和pVAXI-E2重组表达载体构建成功。将pProEX HTa-E2质粒转化大肠杆菌DH5、JM109和BL21并诱导表达, 表达目的蛋白用SDS-PAGE检测, 目的蛋白没有表达; 用GenEscort™ (TM)试剂转染pVAXI-E2质粒 ...
☆ 77 被引用次数: 4 相关文章 22

Serum-and glucocorticoid-regulated protein kinase 3 overexpression promotes tumor development and aggression in breast cancer cells

X Sun, X Liu, B Liu, S Li, D Zhang... - Oncology ... , 2016 - spandidos-publications.com
... Each well was transfected with 3 µg pEGFP-N1-SGK3 or pEGFP-N1 using GenEscort™ I (Isegen, Nanjing, China) according to the manufacturer's instructions. Forty-eight hours after transfection, the treated cells were harvested and SGK fusion protein analyses were performed ...
☆ 77 被引用次数: 3 相关文章 所有 9 个版本

Nonviral gene transfer strategies to promote bone regeneration

Gl Im - Journal of Biomedical Materials Research Part A, 2013 - Wiley Online Library
... osteogenic differentiation in vivo. 75. BMP-2, PEI derivative (GenEscort™ II), Mouse ectopic ossification, Enhanced osteogenic differentiation of canine MSCs and promotion of the ectopic new bone formation. 76. BMP-2, cDNA ...

☆ 被引用次数 : 6 相关文章 所有 4 个版本

SPRY1 promotes the degradation of uPAR and inhibits uPAR-mediated cell adhesion and proliferation

X Liu, Y Lan, D Zhang, K Wang, Y Wang... - American journal of ..., 2014 - ncbi.nlm.nih.gov
... The mice received direct local injections of the GenEscort™ Reagent (Wisegen Biotechnology, Nanjing, China) and plasmid complexes (5 ug plasmid per mouse). Injections were repeated every 3 days for a total of three times ...

☆ 被引用次数 : 9 相关文章 所有 7 个版本

Enhanced expression and phosphorylation of the MET oncoprotein by glioma-specific PTPRZ1-MET fusions

HM Chen, K Yu, X Tang, Z Bao, T Jiang, XL Fan... - FEBS letters, 2015 - Elsevier
... Cells were seeded in 6-well plates and allowed to grow overnight to 60–80% confluence. ZM fusion vectors (2 µg) were individually mixed with 4-µl GenEscort II (Wisegen, Nanjing, China), incubated for 15 min at room temperature, and added to the cell medium ...

☆ 被引用次数 : 10 相关文章 所有 10 个版本

Construction and expression in BHK cells of eukaryotic expression plasmid with T668 gene of Trichinella spiralis.

X Bai, XP Wu, XL Wang, XR Wang, JL Yu... - Chinese Journal of ..., 2010 - cabdirect.org
The T668 gene was amplified by RT-PCR from Trichinella spiralis NBL originated from pigs in Henan Province ISS534 and cloned into the eukaryotic expression plasmid pEGFP-N1. Then, the pEGFP-N1-T668 plasmid was transfected into BHK cells mediated by GenEscortTM II ...

☆ 被引用次数 : 1 相关文章 所有 2 个版本

Targeted correction of point mutations in the low density lipoprotein receptor gene mediated by single-stranded oligonucleotides in vivo

FL Zhang, W Dong, XY Wu, SQ Hu... - Molecular ..., 2009 - spandidos-publications.com
... Binary complex of GenEscort III (biodegradable hyperbranched Pei, Wisegen Biotechnology corp., nanjing, Pr china) and SSos were prepared (17) at a ratio of 6:1 Pei nitrogen/SSo phosphate (n/P=6). SSos and a corresponding amount of PEI solution were respectively diluted ...

☆ 相关文章 所有 5 个版本

Ro52/SSA sensitizes cells to death receptor-induced apoptosis by down-regulating c-FLIP (L)

J Zhang, L Fang, X Zhu, Y Qiao, M Yu... - Cell biology ..., 2012 - Wiley Online Library
... Plasmids of FLAG-Ro52 and FLAG-Ro52ΔRING were provided by Dr Shigetsugu Hatakeyama (Hokkaido University, Japan). Transfection with GenEscort™ reagent (Wisegen Biotechnology Co.) is previously described (Dong et al., 2006). 2.3 RNAi (RNA interference) of Ro52 ...

☆ 被引用次数 : 9 相关文章 所有 4 个版本

A cell-free system toward deciphering the post-translational modification barcodes of Oct4 in different cellular contexts

S Dan, B Kang, X Duan, YJ Wang - Biochemical and biophysical research ..., 2015 - Elsevier
... For transfection, 293T cells were grown on 10 cm plates to a 30–50% confluence, and transfected with 5–10 µg of DNA per plate using GenEscort II reagent (Wisegen, Nanjing, China) with a ratio of 1:3 (w/v). 2.3. Plasmids. The ...

☆ 被引用次数 : 4 相关文章 所有 9 个版本

STAT3 mutations correlated with hyper-IgE syndrome lead to blockage of IL-6/STAT3 signalling pathway

J He, J Shi, X Xu, W Zhang, Y Wang, X Chen, Y Du... - Journal of ..., 2012 - Springer
... US. Recombinant Human sIL-6 Rα was purchased from PEPROTECH (New Jersey, USA). GenEscort™ Transfection Reagent was purchased from Wisegen Biotechnology Corporation (Nanjing, China). Lipofectamine transfection ...

☆ 被引用次数 : 26 相关文章 所有 14 个版本

miR-133a enhances the sensitivity of Hep-2 cells and vincristine-resistant Hep-2v cells to cisplatin by downregulating ATP7B expression

X Wang, W Zhu, X Zhao... - ... journal of molecular ..., 2016 - spandidos-publications.com
... Subsequently, 3 µl GenEscort™ transfection reagent (Wisegen Biotechnology Co., Nanjing, China) was diluted in 50 µl serum-free culture medium and then lightly shaken. Transfection reagent-containing- and pEZX-miR-133a plasmid-containing solutions were then combined ...

☆ 被引用次数 : 3 相关文章 所有 9 个版本

MOleCUIAR, CellUIAR, AND DevelOpMeNTAI BIOIOgy

QJ Zeng, LN Wang, G Shu, SB Wang, XT Zhu... - Poultry ..., 2014 - researchgate.net
... were plated in four 6-well plates and transfected respectively with 2 µg of the pcDNA3.1(-) -Decorin plasmid construct, 2 µg of the pcDNA3.1(-) empty vectors, 4 µg of pGPu6/GFP/Neo-sh-Decorin vectors, and 4 µg of pGPu6/GFP/Neo-sh-NC vectors by GenEscort™ TMII (Wisegen ...

☆ 相关文章 所有 4 个版本

Decorin-induced proliferation of avian myoblasts involves the myostatin/Smad signaling pathway

QJ Zeng, LN Wang, G Shu, SB Wang, XT Zhu... - Poultry ..., 2013 - academic.oup.com

Abstract. Decorin, a small leucine-rich proteoglycan as a component of the extracellular matrix, plays an important role in the skeletal muscle development. It.

☆ 被引用次数 : 4 相关文章 所有 3 个版本

Identification and Characterization of a Novel Retinoic Acid Response Element in Zebrafish *cyp26a1* Promoter

J Li, P Hu, K Li, Q Zhao - The Anatomical Record: Advances in ..., 2012 - Wiley Online Library

... Electrophoretic Mobility Shift Assays. To perform EMSA, we first transfected 293T cells with 4 µg of pWt-Ef1a-RARαb (previously named RARα2.B; Perz-Edwards et al.,2001) or vehicle vector pWt-Ef1a in 100-mm dish using GenEscort II (Wisegen, Nanjing, China) ...

☆ 被引用次数 : 16 相关文章 所有 5 个版本

An intensity ratio of interlocking loops determines circadian period length

J Yan, G Shi, Z Zhang, X Wu, Z Liu, L Xing... - Nucleic acids ..., 2014 - academic.oup.com

Abstract. Circadian clocks allow organisms to orchestrate the daily rhythms in physiology and behaviors, and disruption of circadian rhythmicity can profoundly.

☆ 被引用次数 : 16 相关文章 所有 13 个版本

Ezh2 regulates adult hippocampal neurogenesis and memory

J Zhang, F Ji, Y Liu, X Lei, H Li, G Ji... - Journal of ..., 2014 - Soc Neuroscience

☆ 被引用次数 : 79 相关文章 所有 7 个版本

Activating transcription factor 3 (ATF3) promotes sublytic C5b-9-induced glomerular mesangial cells apoptosis through up-regulation of Gadd45α and KLF6 gene ...

K Xu, Y Zhou, W Qiu, X Liu, M Xia, L Liu, X Liu, D Zhao... - Immunobiology, 2011 - Elsevier

... The cultured GMCs were seeded in 6-well plates at a density of 3 × 10⁵ per well over night, and were transfected with 4 µg of a luciferase reporter (pGL3 reconstructed with different regions of Gadd45α or KLF6 promoter) and 4 µg PRL-SV40, using GenEscort™ III according to ...

☆ 被引用次数 : 19 相关文章 所有 6 个版本

Critical role of miR-125b in lipogenesis by targeting stearyl-CoA desaturase-1 (SCD-1)

X Cheng, QY Xi, S Wei, D Wu, RS Ye... - Journal of animal ..., 2016 - academic.oup.com

Abstract. Alteration of gene expression tightly regulates lipogenesis. Stearyl-CoA desaturase-1 (SCD-1), a key enzyme in lipogenesis, catalyzes the conversion.

☆ 被引用次数 : 11 相关文章 所有 7 个版本

ESAT-6-gpi DNA Vaccine Augmented the Specific Antitumour Efficacy Induced by the Tumour Vaccine B 16 F 10-ESAT-6-gpi/IL-21 in a Mouse Model

X He, J Wang, F Zhao, D Chen, J Chen... - Scandinavian ..., 2013 - Wiley Online Library

... group. Each mouse was immunized subcutaneous (sc)/intramuscular (im) with 50 µl PBS or 50 µl DNA vaccine compound containing 10 µg pIRES-ESAT-6-gpi, the 20 µl GenEscort™ III transfection reagent (Wisegen Biotech. Co ...

☆ 被引用次数 : 4 相关文章 所有 5 个版本

H2A. Z. 1 crosstalk with H3K56-acetylation controls gliogenesis through the transcription of folate receptor

L Su, W Xia, T Shen, Q Liang, W Wang... - Nucleic acids ..., 2018 - academic.oup.com

Abstract. Astrocytes play crucial roles in the central nervous system, and defects in astrocyte function are closely related to many neurological disorders. St.

☆ 所有 5 个版本

miRNA-33 expression and its mechanism in patients and model rats with type 2 diabetic nephropathy

M Cao, L Bai, D Wang, Q Zhai, Y Li, J Hai... - JOURNAL OF CLINICAL ..., 2018 - ijcem.com

... To investigate the role of miRNA-33 on DN pathogenesis, the transfections of both miRNA-33 inhibitors (GenePharma Co., Ltd, Shanghai, China) (inhibitor group) and interfer- ence-free RNAs (control group) were perform- ed using a GenEscort™ TMIII (WiseGen Company ...

☆ 相关文章

RNAi 沉默Bcl-2 基因抑制膀胱癌生长的实验研究

许可慰 - 2007 - 万方数据资源系统

☆

聚乙烯亚胺介导骨形态发生蛋白2 基因转染骨髓间充质干细胞的研究

方志辉, 谭金海, 简超 - 中华实验外科杂志, 2012

☆ 被引用次数: 1 相关文章

ING4 蛋白对人胶质瘤U251 细胞增殖及凋亡的影响

邓跃飞, 雷炳喜, 赵义营, 牛江涛 - 第三军医大学学报, 2011 - aammt.tmmu.edu.cn

... 南京慧基生物技术有限公司; 兔抗人Ing4抗体购自美国PTG 公司, 羊抗兔IgG和即用型SABC 免疫组化试剂盒购自武汉博士德生物工程有限公司; DMSO购自Sigma公司, MTT购自上海捷瑞生物工程有限公司。1.2 方法 1.2.1 细胞转染及转染后鉴定按Genesort说明书PEI按 1 : 1比例向 ...

☆ 被引用次数: 4 相关文章 所有 4 个版本

Alteration of the miRNA expression profile in male porcine anterior pituitary cells in response to GHRH and CST and analysis of the potential roles for miRNAs in ...

QE Qi, QY Xi, RS Ye, T Chen, X Cheng, CY Li... - Growth hormone & IGF ..., 2015 - Elsevier

... transfection. On the following day, 100 ng of reporter plasmid along with 10 ng of control Renilla-luciferase plasmid (pRL-TK-Promega) was co-transfected using PEI

(GenEscort™III, Nanjing Wisegen Biotechnology Co. Ltd., China) ...

☆ 被引用次数: 7 相关文章 所有 5 个版本

The mPlrp2 and mClps are involved in the hydrolysis of retinyl esters in mouse liver

W Pang, Y Zhang, S Wang, A Jia, W Dong, C Cai... - Journal of lipid ..., 2011 - ASBMB

... Negative control shRNAs was used to assess non-specific gene silencing effects. The mammalian expression vector pRNA-U6.1 was used to express shRNAs in HSC-T6. ShRNAs were introduced into HSC-T6 cells by GenEscort™, according to the manufacturer's protocol. II ...

☆ 被引用次数: 9 相关文章 所有 8 个版本

Lowly-expressed lncRNA GAS5 facilitates progression of ovarian cancer through targeting miR-196-5p and thereby regulating HOXA5

H Zhao, H Yu, J Zheng, N Ning, F Tang, Y Yang... - Gynecologic ..., 2018 - Elsevier

... type (GAS5-Mut). The recombinant reporter gene plasmid GAS5-Wt or GAS5-Mut (500 ng) and miR-196a-5p mimic were co-transfected into ovarian cancer cells through GenEscort™ I transfection reagent. Synchronously, the ...

☆ 被引用次数: 4 个版本

Caveolin-1 in the anterior cingulate cortex modulates chronic neuropathic pain via regulation of NMDA receptor 2B subunit

JX Yang, L Hua, YQ Li, YY Jiang, D Han... - Journal of ..., 2015 - Soc Neuroscience

☆ 被引用次数: 28 相关文章 所有 8 个版本

Activation of STAT6 by STING is critical for antiviral innate immunity

H Chen, H Sun, F You, W Sun, X Zhou, L Chen, J Yang... - Cell, 2011 - Elsevier

STAT6 plays a prominent role in adaptive immunity by transducing signals from extracellular cytokines. We now show that STAT6 is required for innate immune sign.

☆ 被引用次数: 197 相关文章 所有 16 个版本

Poly (C)-binding protein 1 (PCBP1) mediates housekeeping degradation of mitochondrial antiviral signaling (MAVS)

X Zhou, F You, H Chen, Z Jiang - Cell research, 2012 - nature.com

... antibiotics. Transient transfection was carried out by the standard calcium phosphate precipitation method. Poly(I:C) (1 µg/ml) was transfected using GenEscort II (Wisegen) according to the manufacturer's instructions. Where ...

☆ 被引用次数: 38 相关文章 所有 9 个版本

The protective effect of cold-inducible RNA-binding protein (CIRP) on testicular torsion/detorsion: an experimental study in mice

Z Xia, K Jiang, T Liu, H Zheng, X Liu, X Zheng - Journal of pediatric surgery, 2013 - Elsevier

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☆ 被引用次数: 7 相关文章 所有 7 个版本

The crucial role of Atg5 in cortical neurogenesis during early brain development

X Lv, H Jiang, B Li, Q Liang, S Wang, Q Zhao, J Jiao - Scientific reports, 2014 - nature.com

... incubator. The cells were plated and cultured for 24 hours before plasmid transfection.

Plasmid transfection was performed using GenEscort I (Nanjing Wisegen

Biotechnology) according to the manufacturer's instructions. The ...

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Phosphorylation of the Twist1-family basic helix-loop-helix transcription factors is involved in pathological cardiac remodeling

S Lu, J Nie, Q Luan, Q Feng, Q Xiao, Z Chang, C Shan... - PloS one, 2011 - journals.plos.org

Background The Twist1-family basic helix-loop-helix (bHLH) transcription factors including Twist1, Hand1 and Hand2, play an essential role in heart development and are implicated in pathological heart remodeling. Previously, it was reported that these bHLH transcription factors ...

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J Nie, M Jiang, X Zhang, H Tang, H Jin, X Huang... - Cell reports, 2015 - Elsevier

RNA G-quadruplexes (G4s) play important roles in RNA biology. However, the function and regulation of mRNA G-quadruplexes in embryonic development remain elusive.

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L Li, Y Zhu, J Sun, T Chen, J Luo, G Shu, S Wang... - 2018 - preprints.org

... and pmirGLO-PAP-Del were co-transfected with the miR-125b-5p mimic or negative control (NC). GenEscort II (Huiji, Nanjing, China) were used to mediate the transfection procedure according to the manufacturer's protocol ...

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Interleukin-33 increases antibacterial defense by activation of inducible nitric oxide synthase in skin

C Li, H Li, Z Jiang, T Zhang, Y Wang, Z Li, Y Wu... - PLoS ..., 2014 - journals.plos.org

Author Summary Interleukin-33 (IL-33) is associated with multiple diseases, including asthma, rheumatoid arthritis, tissue injuries and infections. Although IL-33 has been indicated to be involved in wound infections, little is known about how IL-33 is regulated as a mechanism to ...

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W Xia, L Su, J Jiao - J Cell Biol, 2018 - jcb.rupress.org

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