

Articles have cited BioInnovatise's services:

[Aberrant Acetylation of Mitochondrial Proteins, due to Loss of SIRT3, Results in Tumor Permissive Phenotypes and Increases Breast Cancer Malignancy Risk](#)

X Zou - 2017 - [search.proquest.com](#)

... 34. pCDNA3-Flag-IDH2, was used as the IDH2 wild-type (WT) plasmid and for mutagenesis. Lysine 413 in wild-type IDH2 was converted to Arginine (R: deacetyl mimic) or Glutamine (Q: acetyl mimic) by site-directed mutagenesis (**Bioinnovatise**). The lenti-viral IDH2 expression. ...

[Misrouting of v-ATPase subunit V0a1 dysregulates lysosomal acidification in a neurodegenerative lysosomal storage disease model](#)

[MB Bagh](#), [S Peng](#), [G Chandra](#), [Z Zhang](#)... - Nature ..., 2017 - [ncbi.nlm.nih.gov](#)

[SIRT3-mediated dimerization of IDH2 directs cancer cell metabolism and tumor growth](#)

X Zou, Y Zhu, [SH Park](#), [G Liu](#), J O'Brien, H Jiang... - Cancer Research, 2017 - AACR

... type (WT) and for mutagenesis. K413 was converted to Arginine (R: deacetyl mimic) or Glutamine (Q: acetyl mimic) by site-directed mutagenesis (**Bioinnovatise**). The lenti-viral IDH2 vector was on May 24, 2017. © 2017 American Association for Cancer Research. ...

[SIRT2-mediated deacetylation and tetramerization of pyruvate kinase directs glycolysis and tumor growth](#)

[SH Park](#), [O Ozden](#), [G Liu](#), [HY Song](#), Y Zhu, Y Yan... - Cancer research, 2016 - AACR

[Skip to main content.](#) ...

[Improving Treatment of Mycobacterial Infections](#)

HI Bax - 2016 - [repub.eur.nl](#)

... The mutation in the STAT1 coding sequence was created using a STAT1 expression vector (OriGene Technologies, Rockville, MD) as template (**Bioinnovatise** Inc., Rockville, MD). STAT1-Myc tag or GFP-tagged constructs ...

[Progressive multifocal leukoencephalopathy in primary immune deficiencies: Stat1 gain of function and review of the literature](#)

[CS Zerbe](#), [BE Marciano](#), [RK Katial](#)... - Clinical Infectious ..., 2016 - [academic.oup.com](#)

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[Effects of heterologous expression of human cyclic nucleotide Phosphodiesterase 3A \(hPDE3A\) on redox regulation in yeast](#)

[DK Rhee](#), [JC Lim](#), [SC Hockman](#), [F Ahmad](#)... - Biochemical ..., 2016 - [biochemj.org](#)

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[Deazaflavin Inhibitors of Tyrosyl-DNA Phosphodiesterase 2 \(TDP2\) Specific for the Human Enzyme and Active against Cellular TDP2](#)

C Marchand, M Abdelmalak, [J Kankanala...](#) - ACS chemical ..., 2016 - ACS Publications

[Visualizing the phage T4 activated transcription complex of DNA and E. coli RNA polymerase](#)

TD James, T Cardozo, LE Abell, ML Hsieh... - Nucleic acids ..., 2016 - academic.oup.com

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[Negative reciprocal regulation between Sirt1 and Per2 modulates the circadian clock and aging](#)

RH Wang, T Zhao, K Cui, [G Hu](#), Q Chen, [W Chen](#)... - Scientific ..., 2016 - ncbi.nlm.nih.gov

... The PCR method (PCR SuperMix High Fidelity, Invitrogen) was applied and mutation was confirmed with sequencing. Mutagenesis was performed by **BioInnovatise** Inc. (Rockville, MD). Microarray. Mouse livers were harvested at 9 AM–11 AM. ...

[MicroRNA-30 inhibits antiapoptotic factor Mcl-1 in mouse and human hematopoietic cells after radiation exposure](#)

XH Li, CT Ha, M Xiao - Apoptosis, 2016 - Springer

... miR-30 binding sites (1329–1351 and 1584–1602 nt) or a corresponding multi-base mutant sequence was cloned into the SacI and HindIII sites downstream of the firefly luciferase reporter gene in pMIR-REPORT Luciferase (Ambion, Austin, TX, USA) by **BioInnovatise**, Inc. ...

[Evaluation of IRX genes and conserved noncoding elements in a region on 5p13.3 linked to families with familial idiopathic scoliosis and kyphosis](#)

[CM Justice](#), K Bishop, B Carrington... - G3: Genes, Genomes, ..., 2016 - g3journal.org

[Mechanisms of Diurnal Regulation of the BK current in the Brain's Central Clock](#)

[JP Whitt](#) - 2016 - search.proquest.com

Mechanisms of Diurnal Regulation of the BK current in the Brain's Central Clock. Abstract. The large conductance Ca²⁺ - and voltage-activated potassium (BK) channel is activated via two important cellular signaling mechanisms ...

[Intégration du VIH-1: Contrôle et régulation de l'interaction fonctionnelle entre l'intégrase et la chromatine](#)

[J Matysiak](#) - 2016 - theses.fr

Page 1. THÈSE PRÉSENTÉE POUR OBTENIR LE GRADE DE DOCTEUR DE L'UNIVERSITÉ DE BORDEAUX ÉCOLE DOCTORALE SPÉCIALITÉ IMMUNOLOGIE-MICROBIOLOGIE Par Julien MATYSIAK Intégration du VIH-1 : Contrôle et régulation de l'interaction ...

[Improving the specificity and efficacy of CRISPR/CAS9 and gRNA through target specific DNA reporter](#)

Distinct mutations at the same positions of STAT3 cause either loss or gain of function

P Chandrasekaran, O Zimmerman... - Journal of Allergy ..., 2016 - jaci-inpractice.org
... Technologies (RC215836). Point mutations were introduced in the wild-type sequences using point mutagenesis PCR and the resulting PCR products were cloned into the pCM6-XL4 background (**BioInnovatise**, Rockville, Md). Endotoxin ...

Novel protein kinase C-mediated control of Orai1 function in invasive melanoma

R Hooper, X Zhang, M Webster, C Go... - ... and cellular biology, 2015 - Am Soc Microbiol
... Orai1-CFP was generated as previously described (22). CFP-Orai1 Δ 47 was generously provided by Christoph Romanin (Johannes Kepler University, Linz, Austria). CFP-Orai1 S27AS30A was generated by site-directed mutagenesis (**BioInnovatise** Inc., Rockville, MD). ...

JH Zhang, M Pandey, JF Kahler, A Loshakov... - Journal of ..., 2014 - Elsevier
... the target psAAVS1-T2 and a PAM (TGG) sequence flanked by two Bsal restriction sites (CTGTATgagaccGGGGCCACTAGGGACAGGATTGGggtctcTGTTT) after the 568th nt between the CMV promoter and the EGFP reporter through site directed mutagenesis (**Bioinnovatise** Inc ...

Signal transducer and activator of transcription 1 (STAT1) gain-of-function mutations and disseminated coccidioidomycosis and histoplasmosis

EP Sampaio, AP Hsu, J Pechacek, HI Bax... - Journal of Allergy and ..., 2013 - Elsevier
... Gene Codes, Ann Arbor, Mich). Constructs. Mutated STAT1 sequences or green fluorescent protein (GFP)-tagged constructs were created with a STAT1 expression vector (**BioInnovatise**, Rockville, Md). Wild-type (WT) and mutant ...

SIRT1 deacetylates FOXA2 and is critical for Pdx1 transcription and β -cell formation

RH Wang, X Xu, HS Kim, Z Xiao... - International journal of ..., 2013 - ncbi.nlm.nih.gov
... parental template. The PCR method (PCR SuperMix high fidelity, Invitrogen) was applied and mutation was confirmed with sequencing. Mutagenesis was carried out by **BioInnovatise** Inc. (Rockville, MD 20852). The primers ...

Repair of UV photolesions in xeroderma pigmentosum group C cells induced by translational readthrough of premature termination codons

C Kuschal, JJ DiGiovanna, SG Khan... - Proceedings of the ..., 2013 - National Acad Sciences

Direct interaction of eag domains and cyclic nucleotide-binding homology domains regulate deactivation gating in hERG channels

EC Gianulis, Q Liu, MC Trudeau - The Journal of general physiology, 2013 - jgp.rupress.org

Architecture of the bacteriophage T4 activator MotA/promoter DNA interaction during sigma appropriation

ML Hsieh, TD James, L Knipling, MB Waddell... - Journal of Biological ..., 2013 - ASBMB

Plasmids encoding motAC182A with the desired cysteine substitutions at specific locations were either derived from pMotAcys – again using BsaI site-directed mutagenesis or were obtained from **Bioinnovatise** (the plasmids encoding the E93C, E112C, T100C, E132C, K96C ...

[An activating NLRC4 inflammasome mutation causes autoinflammation with recurrent macrophage activation syndrome](#)

[SW Canna, AA De Jesus, S Gouni, SR Brooks... - Nature ..., 2014 - nature.com](#)

Scott Canna and colleagues report the identification of a de novo mutation in a conserved region of NLRC4 by whole-exome sequencing of an individual presenting with macrophage activation syndrome. Functional studies confirm that the mutation leads to constitutive inflammasome ...

[Characterization of a Mutant RNA Polymerase in Bacteriophage T4 Prereplicative Transcription](#)

[TD James - 2013 - search.proquest.com](#)

2. ; gift from Irina Artisimovich (121)) was transformed into BL21(DE3) cells (108). The pIA1000 plasmid was sent to **Bioinnovatise** to construct the single point mutation G1249D (G->A at 3746) of the rpoB gene, subunit. Thus, isogenic ...