

NEWS FEBRUARY 2021

COBO **Q** NEWSLETTER



CRISPR QC Tools - Update

CRISPR-BIND

A Rapid and Highly Sensitive Tool to Characterize gRNA and CRISPR-Cas Interactions.

CRISPR-BIND is built upon an entirely electronic platform with several capabilities ranging from performing quality control of CRISPR-Cas complexes and gRNA to optimizing CRISPR designs. Powered by Cardea's CRISPR-Chip™, a chipset that combines CRISPR-Cas molecules with graphene-based Biology-gated Transistors (**Cardean Transistors™**).

CRISPR-BIND **speeds up your CRISPR quality control process** and reduces the risk of false positives. All without the need for labels or amplification.

Key Features:

- Run rapid assessments of **gRNA CAS interactions**
- **Optimize CRISPR designs**
- Identify specificity, performance, and the most optimal conditions to **select the most robust guide**

CRISPR-AMP (New)

Built upon the CRISPR BIND software, future upgrades will have **additional features**:

- Determine binding **interactions of amplicons**
- Plus upgrade option can also **run quantitative analysis of the gRNA binding**

CRISPR-GEN (New)

Key Features:

- Determine binding **interactions of whole genomic DNA nonamplified**

- Search genomes for sequences of interest
- Plus upgrade option can also run quantitative analysis of both gRNA and genomic DNA binding including kinetics

CRISPR-BIND, CRISPR-AMP and CRISPR-GEN are developed by [CRISPR QC](#). Do you want to test these CRISPR tools? We offer an **Early Access Program** in Q1 2021. For more information, contact us [here](#) with the code EAP21_COBO on the additional information field.

CRISPR MEDICINE NEWS

CRISPR
News
MEDICINE

Stay up to date in the CRISPR field

COBO Technologies launched [CRISPR Medicine News](#) in 2019. With more than 11,000 readers per month from over 100 countries, this is now the leading news media in the CRISPR Medicine field.

Read in-depth interviews with leading researchers and specialist working with applications in CRISPR Medicine. Content is focused around; reagents, delivery methods, safety, quality control, clinical trials, standards and best practices.

The CRISPR Medicine News team strives to bring the best and most interesting

interviews and news on everything related to this exciting and rapidly emerging field. Below, you can find the latest articles from week 6 2021.

An Arms Race Can Make the CRISPR Toolkit Even Better.

February 8th, 2021.

A constant battle between prokaryotes and phages has shaped how CRISPR is controlled and regulated. Haridha Shivram from Jennifer Doudna's lab is working to understand these mechanisms, and in a recent review, he describes how this knowledge might enable us to build a better genome-editing tool. **Read full article [here.](#)**



CRISPR Diagnostics Update – Pneumonia.

February 10th, 2021.

This week's clinical update looks at a trial to evaluate a combined CRISPR-Cas12a/PCR detection strategy to direct early and targeted anti-infective therapy in patients with severe pneumonia. **Read full article [here.](#)**



Do you want to request information or ask questions about our QC Products and Services?

[Request more information here](#)

Do you want to sign up to our Newsletter?

[Sign up here](#)



Copyright © 2020 COBO Technologies, All rights reserved.

Our mailing address is:

sales@cobotechnologies.com

Want to change how you receive these emails?

You can [update your preferences](#) or [unsubscribe from this list](#).