



**Featured tool:**

**Primer Monitor: an online tool to track SARS-CoV-2 variants that may impact primers used in diagnostic assays**

As SARS-CoV-2 variants continue to impact our global community, the ability to understand how those variants affect COVID-19 assay performance is important. Nucleic acid diagnostic tests for SARS-CoV-2, whether based on RT-qPCR, RT-LAMP or other amplification technologies, all depend on primers.

The **Primer Monitor Tool** can be used to identify variants that may affect assay performance based on their location in the SARS-CoV-2 genome. Variants from around the world are mapped against commonly used and user-defined primer sets from RT-qPCR and RT-LAMP assays, as well as ARTIC sequencing workflows (currently v4). Users have the option to register to receive notification should variation cross a specified threshold in primer sets of their choosing.



[Try Online Tool](#)



[Read NEB's Application Note](#)



[View Press Release](#)



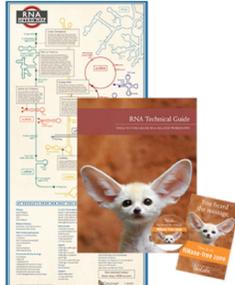
[Discover Other Beta Online Tools](#)



Learn more about how **NEB is supporting COVID-19 research** with products and content such as Researcher Spotlight podcasts.

**Did you request your RNase-free zone sticker pack?**

**Learn more** about the products NEB offers to support your RNA-related workflows and request your limited edition **RNase-free Zone Sticker Pack** today!



[Request the free RNA Metro Map Poster from your local distributor](#)

[Request the free RNA Technical Guide from your local distributor](#)

**The NEB® Podcast Series**  
**LESSONS from Lab & Life™**



Jim Haseloff

**Lessons from Lab & Life podcast** continues our focus on the Synthetic Biology. In this episode Professor Jim Haseloff shares how his work has primarily focused on using synthetic biology to engineer plant growth, but during the pandemic his focus has shifted to increasing global accessibility of low-cost instrumentation and access to diagnostics.

[Listen on neb.com](#)

[Listen on Apple Podcasts](#)

[Subscribe On STITCHER](#)

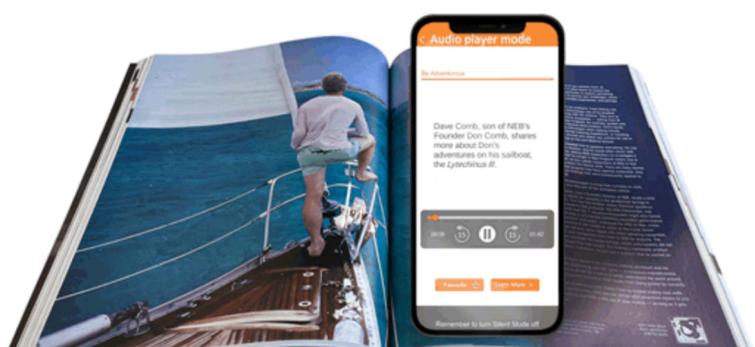
**The 2021-22 NEB® Catalog & Technical Reference is now available!**

Browse through to find the latest NEB products, including recommendations for which product will work best for your application.

- Extensive information on maximizing product performance
- Technical tips
- Troubleshooting guides
- And much more!

Each edition of the catalog contains a collection of mini-reviews that addresses various scientific, environmental and/or humanitarian topics. This year, we are dedicating the catalog to our Founder, **Donald G. Comb**, and are sharing some of the values that he was passionate about.

Download the NEB AR App at the **Apple®** or **Google Play™** Stores to access videos, audio clips and 3D content that goes along with each of these mini-reviews.



[Request the ree Catalog from your local distributor](#)

[Tips For Using Your AR App](#)

**We want you help us create the 2022 NEB calendar!**

We are looking for nature-themed artwork, for inclusion in our 5<sup>th</sup> annual New England Biolabs calendar. To submit your artwork for consideration, please supply a high-resolution image and your contact information using the button below. All submissions are due by August 31<sup>st</sup>.\*



If your work is selected for inclusion in the calendar, you will, of course, be credited in the calendar and celebrated online and on social media. You will also receive the following:

- 500 € in NEB product credit or 500 € to donate to the charity of your choice
- 10 copies of the calendar featuring your work to hand out to your nearest and dearest
- A personal reminder of the beauty of reflection

[Submit a Photo](#)

\* View [Terms and Conditions](#).

New England Biolabs is a **Certified B Corporation™**.

be **INSPIRED** | drive **DISCOVERY** | stay **GENUINE**

