

Specific Demand for Targeted Sequencing Kits?

What you need is a simpler, safer, and more affordable way to generate your DNA sequencing data.

- ✓ Multiplexing
- ✓ Fully customizable
- ✓ Cost efficient workflow



NimaGen.

Sequencing
Simpler.

Smarter.
Safer.



**Create
your own
custom kit**

NG-Assay-on-Request™

Designed to your needs

With the rapidly growing demand for GenoTyping, techniques like qPCR and Capillary Electrophoresis are increasingly being replaced by NGS-based methods. To meet this demand, NimaGen now offers a custom solution: NG-Assay-on-Request. This allows you to create multiplex assays tailored to your specific needs for applications such as:

- **Cell Line Authentication / contamination detection**
- **Mutation Detection for Inherited Diseases**
- **Ultra sensitive detection of specific mutations in cfDNA/ctDNA**
- **And many more...**

One tube, single reaction library prep

Our unique Reverse-Complement PCR (RC-PCR) technology, we enable customers to prepare ready-to-sequence libraries with one single PCR reaction. This results in the highest quality sequencing data for low to ultra-high throughput.

Sequencing Simpler. Smarter. Safer.

The patented RC-PCR technology simplifies your workflow by eliminating multiple preparation steps. With a single PCR reaction, you can generate reliable results, saving time and reducing complexity.

RC-PCR provides a cost-efficient and flexible solution, offering confidence in your results. Its simplicity and minimized resource use, reduces errors and enhances reliability across various platforms and sample types.

Benefits

- ✓ Multiplexing
- ✓ Fully customizable
- ✓ Cost efficient workflow
- ✓ Choice of Indexing strategy

**Learn more?
Contact us today.**

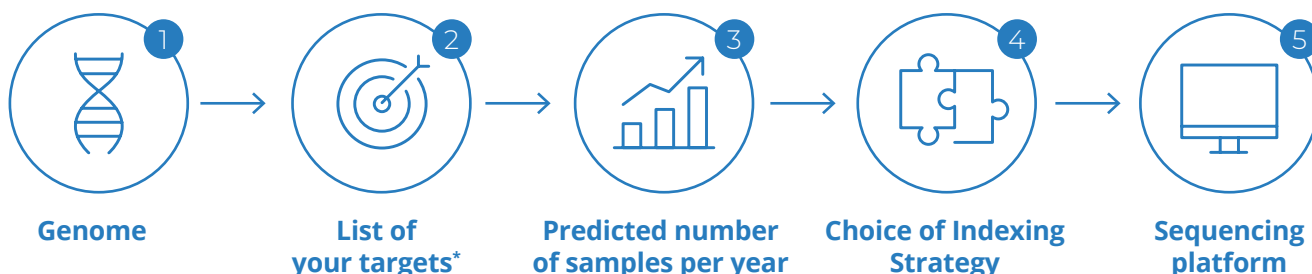
For more information, please send
an inquiry to info@nimagen.com
or call +3124 820 02 41.



Five steps towards your custom assay

What you need is a simpler, safer, and more affordable way to generate your DNA sequencing data. With the unique RC-PCR technology, you have the smartest NGS library prep method on the market. Request a free, no-obligation quote tailored to your specific needs. Just answer 5 simple questions, and we'll provide you with a proposal within two to three business days:

5
simple
questions
towards a
custom
assay



* The number of targets in one multiplex is typically 10 - 100. If possible add ~10% more targets than needed, to enable NimaGen to drop some targets that in silico or wet-lab are not performing to our specs. Example: Provide a list with 40 rs-numbers, where NimaGen can create a multiplex assay with the 35 best performing out of this list.

Submit your
request for
quote



Your custom kit

Kit content:

- Pre-spotted, Unique Dual Index Primer Plate (96 wells) or Combinatorial Index Primer Plate (384 well)
- RC-PCR Probe Panel
- RC-PCR HiFi Master Mix
- RC-PCR Probe Dilution Buffer

Specifications:

- **Minimum On-target read percentage** (excl adapter dimers): 70%
- **Coverage Uniformity** within 3-fold of the median: 95%



NimaGen.

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Product Name

Custom Sequencing Kits

Product Use

For Research Use Only

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Legal Notice

RC-PCR is IP protected. It is strictly prohibited to produce, distribute, import, or sell RC-PCR based methods or kits without the patent owner's written consent. NG-Assay-on-Request™ is a trademark of NimaGen.

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