

Enrich DESIGN

Quality in, confidence out

Probe design is a critical first step in the NGS Target Enrichment process. An optimal design can unlock difficult genomic regions, deliver uniform capture, and provide better coverage of your target regions. The HyperDesign Tool features an intuitive user-friendly interface that makes it easy to create custom probe designs using Roche's proprietary algorithm. Researchers now have the freedom to start from gene names, commonly used sequence identifiers, or genomic coordinates.

Why choose the HyperDesign Tool?

Optimal probe selection

Roche's design algorithm selects the right probes for your variant discovery research to provide more comprehensive coverage of target areas.

Exceptionally user-friendly

Easily create one or multiple designs in parallel with an intuitive interface and navigation. Receive selection results quickly and access designs 24/7.

Flexible input methods

The HyperDesign Tool lets you upload gene names and bed files, input genomic coordinates manually, or choose from a broad list of commonly used gene identifiers.

Create a design that's uniquely you

1



Sign up in the HyperDesign online tool

2



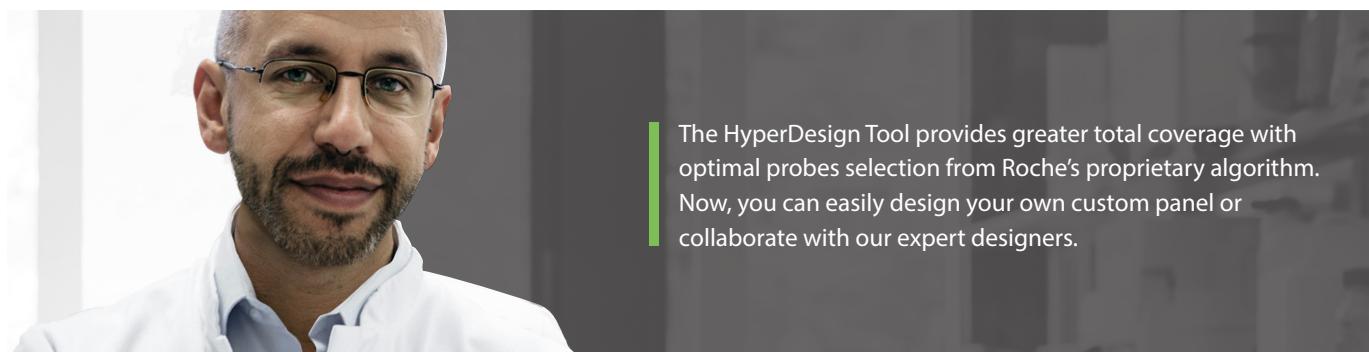
Specify your design details in **5 steps**

3



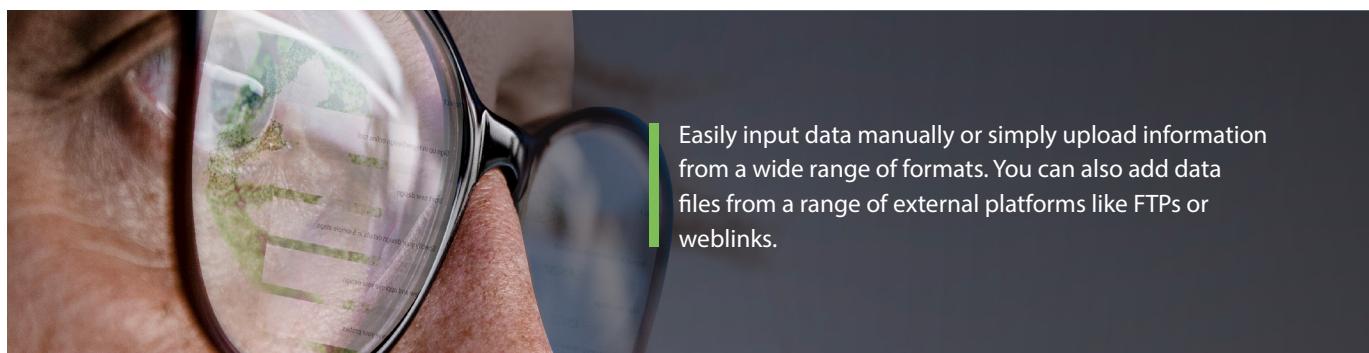
Order and receive your probes

Target difficult, previously inaccessible genomic regions



The HyperDesign Tool provides greater total coverage with optimal probes selection from Roche's proprietary algorithm. Now, you can easily design your own custom panel or collaborate with our expert designers.

More input options, more control



Easily input data manually or simply upload information from a wide range of formats. You can also add data files from a range of external platforms like FTPs or weblinks.

Enjoy a more user-friendly experience



HyperDesign Tool's highly intuitive user interface provides tips at each step to simplify the probe design process. Move back and forth between steps without losing data and directly access designer support as needed.

**For more information, please contact your local Roche representative.
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Learn more at
www.hyperdesign.com

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