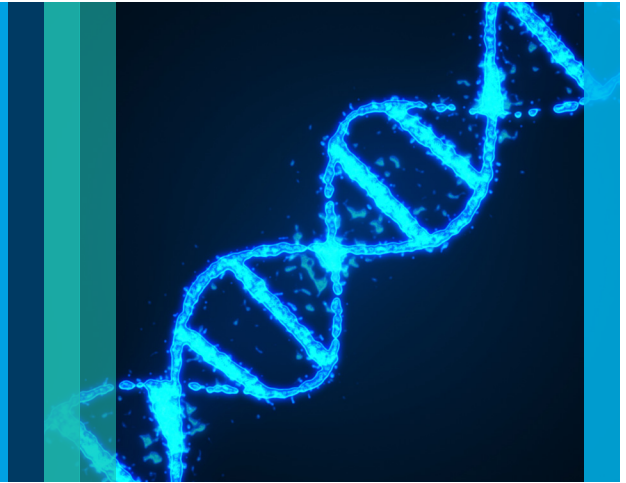


SureDesign Custom Portal

Custom designs made simple



Flexible Design Software for Your Custom Needs

SureDesign is our free-to-use web portal that allows you to create NGS, microarray, CRISPR, or FISH probes for custom designs tailored to your specific research requirements.

With more than a decade of experience, our SureDesign engineers are market-leading experts at oligonucleotide probe design. Continuous improvement to our design algorithms ensures your evolving needs are met, no matter the application.

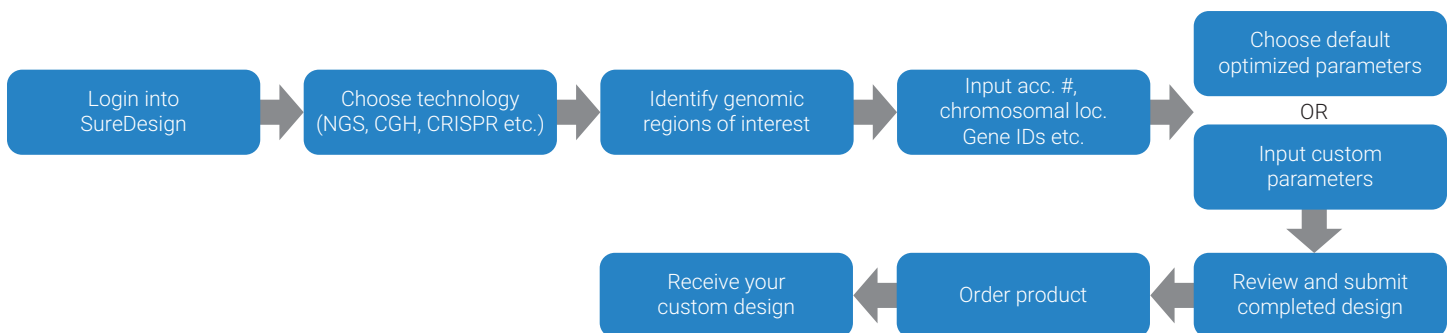
SureDesign Provides You With:

- Flexible, adaptable software for probe design on all Agilent Genomics platforms and applications
- A guided, easy-to-use precision workflow for creating your custom designs
- Our leading NGS probe selection algorithm for improved sequencing data
- Access to empirically validated catalog probe designs from our microarrays and SureSelect libraries

Simple Ordering for Complex Designs

Whether you want to start with an existing design or to create one from scratch, the process is simple and offers unmatched content flexibility. Simply log in, choose your platform, select your targets, submit your design, and have it delivered. Creating and submitting a design is quick and painless—the rest is up to us.

Easy Steps to Creating Custom Designs



Up-To-Date Algorithms for Your Latest NGS Needs

Our newest advancements in target enrichment NGS probe design give you increased capture specificity and sequencing uniformity, resulting in reduced capture size and better sequencing data. Additionally, the latest SureDesign algorithm is tuned to provide you with optimized hybridization uniformity and kinetics for both 90 minute and overnight SureSelect hybridization protocols. This gives you the highest performance possible for your hybridization capture NGS experiments.

An NGS Platform for Multiple Species

SureDesign gives you a single, unified platform that supports custom NGS target enrichment designs for over 10 species. We offer design capabilities for human (hg19 and hg38), mouse (mm9 and mm10), rat, bovine, canine, and more. Simply provide your custom target sequences in your format of choice (gene symbols, accession ids from multiple databases, genomic coordinates, etc.) and SureDesign will quickly identify the genomic coordinates to cover. In addition, users can create custom NGS libraries for any species by uploading their own sequences.

NGS Designs with Confidence

No design experience? No problem. With our Agilent Design Testing Service, our expert scientists will help you make your NGS vision a reality. Agilent will assist you during the design process, create your panel(s), and test their performance. You will have the opportunity to see exactly how your design performs before your experiments even begin.

Learn more now and visit:

<https://earray.chem.agilent.com/suredesign/>

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