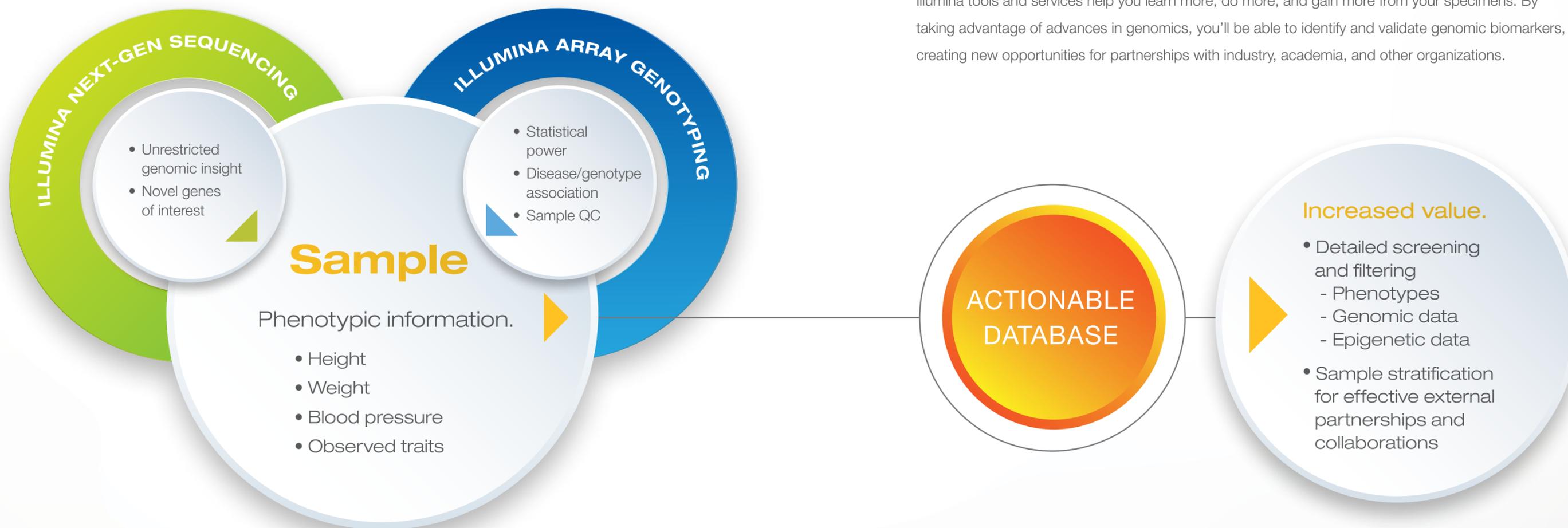


# Total genomic solutions for biobanks.

Maximizing the value of your specimens.



## Value-driven biobanking.



# Unlock the true potential of your biological samples.

Greater understanding. Increased value.

Now it's easier than ever to advance genetic research, make new discoveries, and gain meaningful insights from complex populations.

Illumina tools and services help you learn more, do more, and gain more from your specimens. By taking advantage of advances in genomics, you'll be able to identify and validate genomic biomarkers, creating new opportunities for partnerships with industry, academia, and other organizations.



## The complete solution.

Scalable. Reliable. Flexible.

Illumina offers a portfolio of cost-effective, customizable, high-throughput genomic tools for projects of every type and size.

Only Illumina provides the complete genomic solution, enabling you to go seamlessly from novel SNP identification using next-generation sequencing to the statistical power of large-scale genotyping with microarrays.

Do it all. Do it better. Do it yourself, or rely on Illumina FastTrack Services and our network of certified service providers.

## The genomics continuum of complementary technologies.



## The highest-quality data.

### Microarrays. Next-generation sequencing.

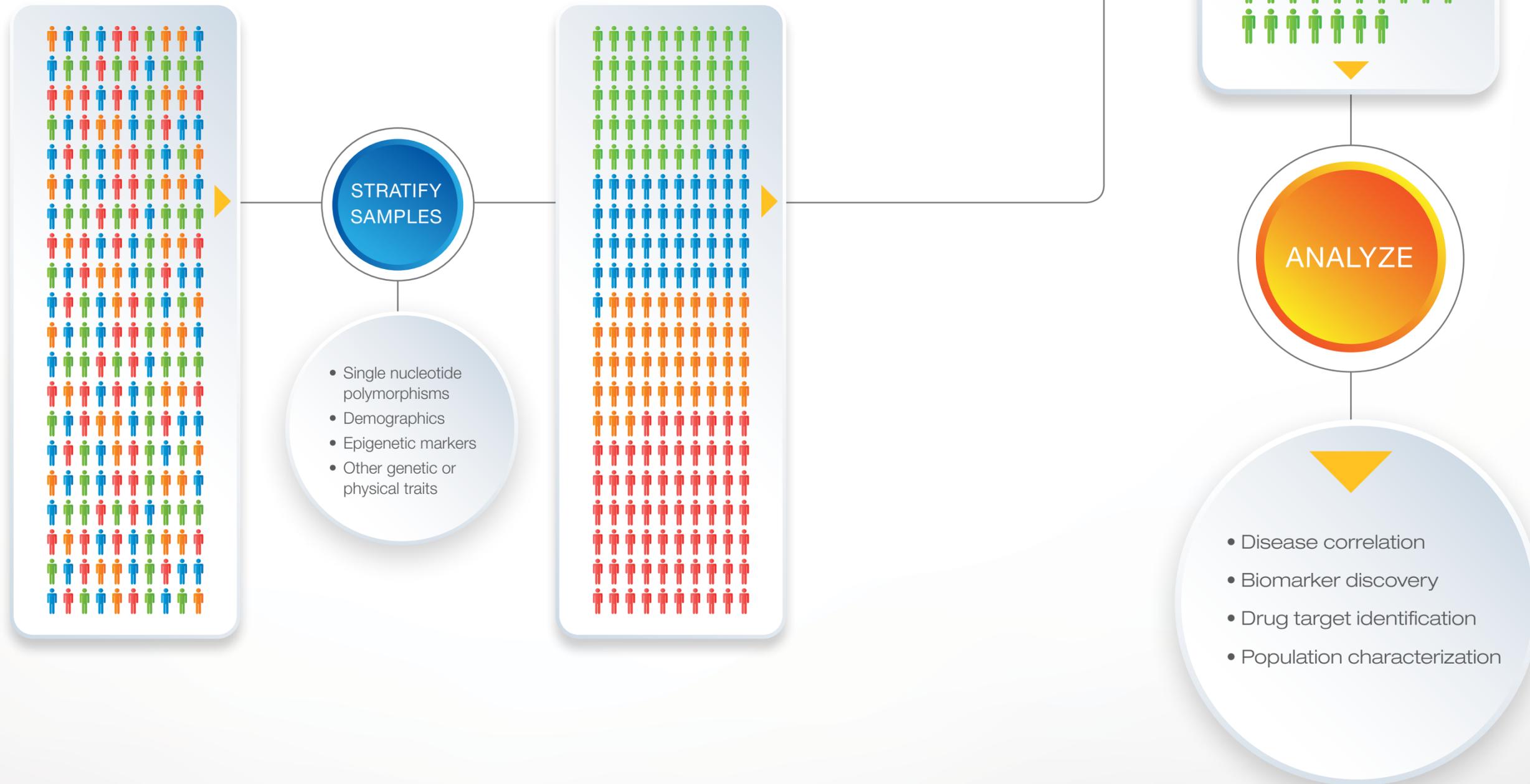
Illumina microarrays help you efficiently and systematically perform quality control on your specimens before long-term storage or shipping to customers. Harmonizing within and across projects is simplified with complete compatibility across the Illumina portfolio, including legacy products.

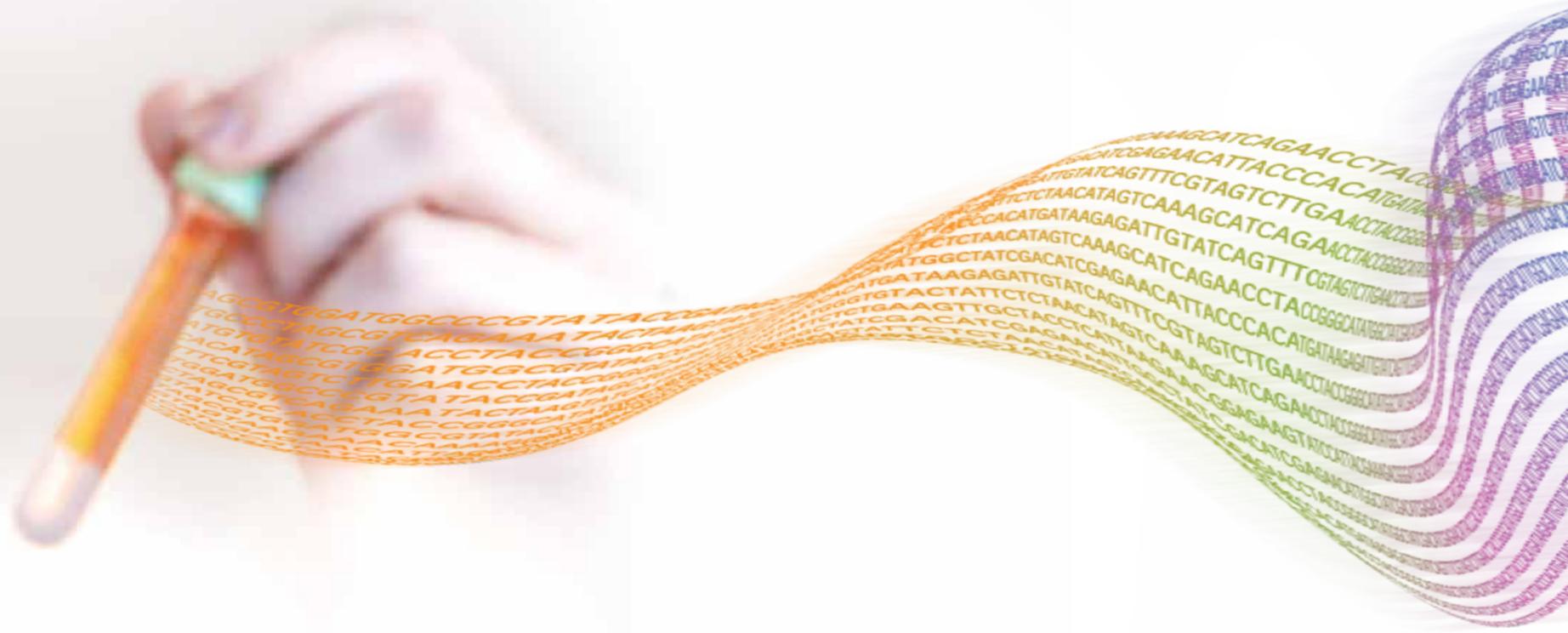
Since 2012, more than 10 million samples have been genotyped on the Illumina platform. Powered by the robust, easy-to-use Infinium® Assay, call rates exceed 99%, with >99.9% reproducibility. Access novel content far beyond individual validated databases, with content selected in collaboration with key opinion leaders, consortia partners, and scientists around the world. You can even add your own custom content on request.

For next-generation sequencing, Illumina sequencing by synthesis (SBS) chemistry is the most widely adopted technology available. It's no wonder that more than 90% of the world's sequencing data is generated using Illumina systems. You'll get the greatest accuracy with >80% of sequenced bases over Q30 and the highest percentage and yield of error-free reads.

# Genomics in biobanking: Empowering personalized medicine.

Biobank of samples.





## Building long-term value. What you need today. And tomorrow.

Illumina has the tools, experience, and resources you need to increase the value of your specimens today and the technologies to meet tomorrow's needs as you expand. You'll have the assurance of continuity, with the data you gather being both forward and backward compatible. Plus, our suite of bioinformatics analysis tools will make storing, sharing, and analyzing the data easier than ever.

Illumina stands ready to offer you advice, technical support, and collaboration every step of the way.

# World-class genomic solutions.

## A community of support.

From library prep to sequencing and informatics, Illumina solutions empower researchers and clinicians across the globe to find the answers they seek.

When you join the Illumina community, you become part of a dynamic scientific movement that includes thousands of researchers, clinicians, and industry thought leaders. Throughout the year, we host user group meetings, symposia, consortia, online forums, and other initiatives—all designed to bring the best minds together to share ideas and advance science.

In addition to onsite training, ongoing support, and phone consults, we offer webinars and courses at various Illumina locations. We're here with all the resources you need to accelerate progress.

Discover how Illumina technology can add value to your biobank specimens. Contact your Illumina representative to learn more or visit [www.illumina.com/biobank](http://www.illumina.com/biobank)

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A global genomics leader, Illumina provides complete sample-to-answer solutions to the research and clinical communities. Illumina technology is responsible for generating 90% of the world's sequencing data. Through collaborative innovation, Illumina is fueling groundbreaking advancements in the fields of oncology, reproductive health, genetic disease, microbiology, agriculture, and forensic science. We are driven to unlock the power of genomics to improve human health.

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