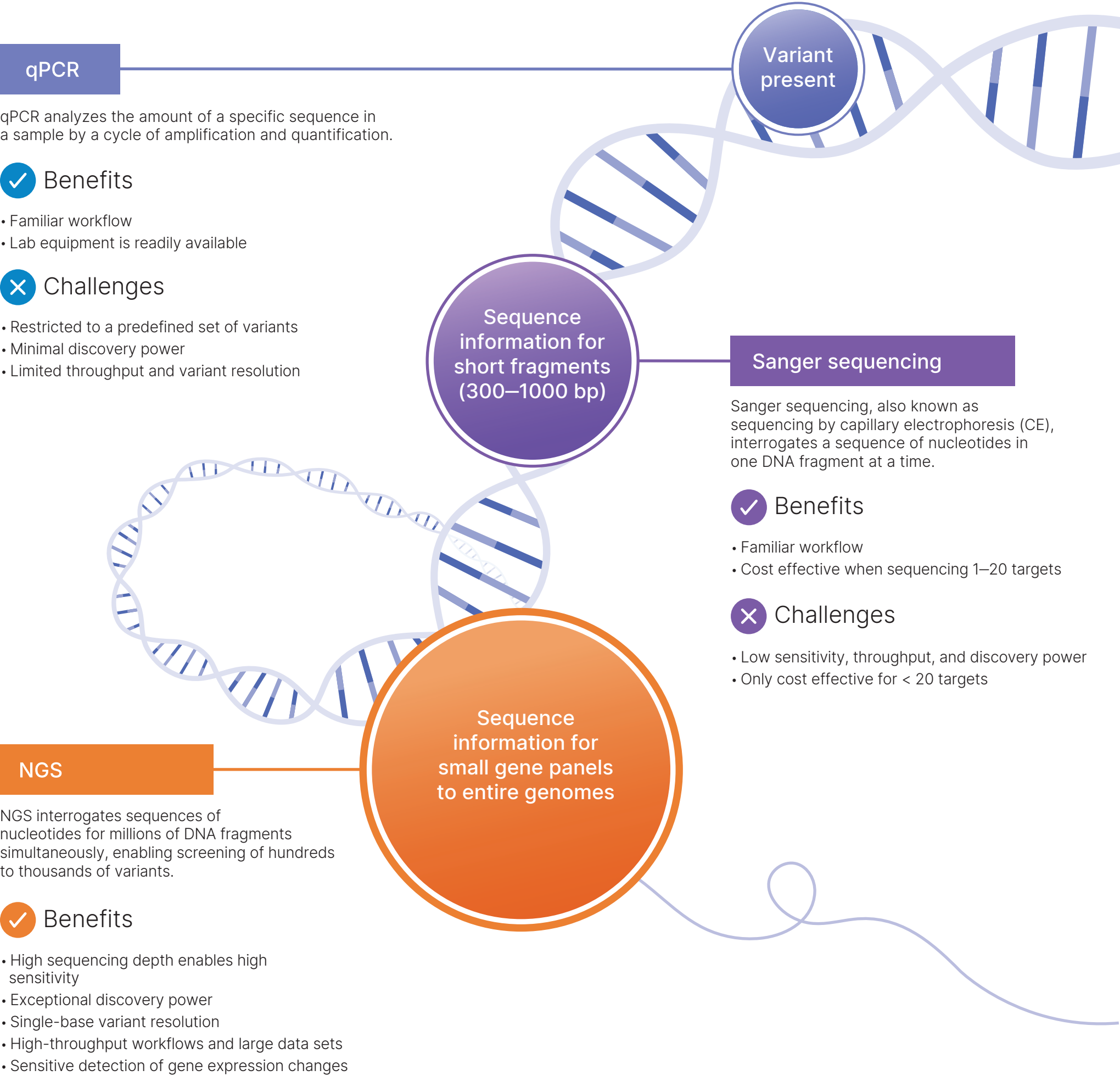


Comprehensive NGS versus qPCR and Sanger sequencing

In contrast to qPCR and Sanger sequencing, next-generation sequencing (NGS) can simultaneously identify variants across thousands of target regions down to single-base resolution in a single experiment. Explore the benefits and limitations of each method to understand which one meets your needs.¹⁻³



Which to choose—and when?

Sanger sequencing and qPCR are good choices if you need to interrogate a small region of DNA on a limited number of samples.

Otherwise, NGS is more likely to suit your needs. For variant screening studies with a high number of samples, NGS is the most efficient and cost-effective approach for sequencing tens to thousands of targets compared to conventional methods.

Learn more about targeted NGS:
[illumina.com/ngs-explained](https://www.illumina.com/ngs-explained)

References

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