

What is Primer Extension Target Enrichment (PETE)?

PETE is a novel NGS hybridization capture technology designed to employ primer extension reactions to specifically capture and release target library molecules for sequencing.

What's different about PETE?

Other target enrichment technologies offer either uniform, high-quality data (via probe hybridization) *or* fast, simple workflows (via amplicon-based enrichment). PETE brings together the benefits of *both* workflows—combining speed and simplicity with deep, uniform, high-quality coverage.



Perform fewer manual steps in a streamlined, versatile, end-to-end solution for somatic variant analysis

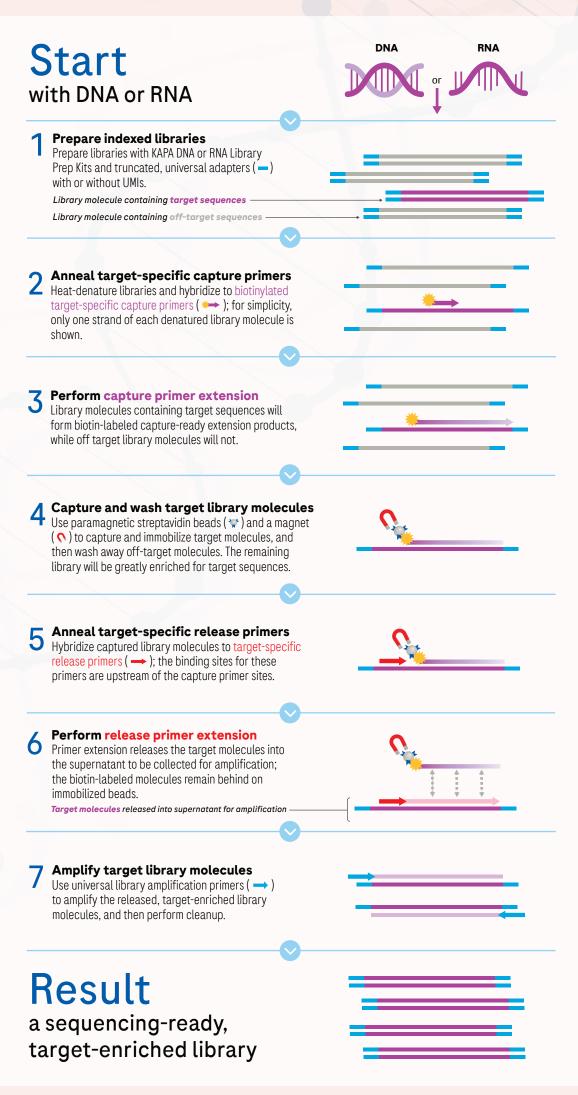


Save valuable time with an efficient, single-day, automatable workflow



Achieve superior performance and coverage uniformity

Here's how PETE works...





The **single-day PETE workflow** can detect all major somatic variant types—including SNVs, short indels, CNVs, MSI, and fusion transcripts—from a wide variety of sample types, including degraded DNA and RNA. To learn

more about PETE technology and Roche's KAPA HyperPETE portfolio,

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visit go.roche.com/KAPAHyperPETE.