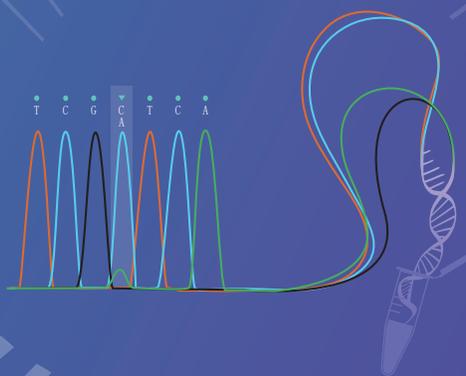


# QuinDye™ Terminator Kit



**QuinDye™ Terminator Kit** provides premixed reagents for Sanger sequencing reactions. The kit includes Dye Terminator and a 5x buffer, formulated to deliver long, high-quality reads with uniform peak heights and to efficiently read through complex sequencing structures.

CPR00002 100 rxns

## Order Information

Product	Quantity	Cat. No.
QuinDye™ Terminator Kit	24 rxns	CPR00001
	100 rxns	CPR00002
	1000 rxns	CPR00003
	5000 rxns	CPR00004

### Storage condition

Store QuinDye Sequencing Mix, pGEM control DNA and M13 (-21) control primer at -30°C to -10°C, store QuinDye 5x Sequencing Buffer at 4°C.

## Product Features



Suitable for a wide range of sequencing applications



Less volume required per reaction, enhancing productivity and cost-effectiveness



More uniform peak intensity with hairpin samples



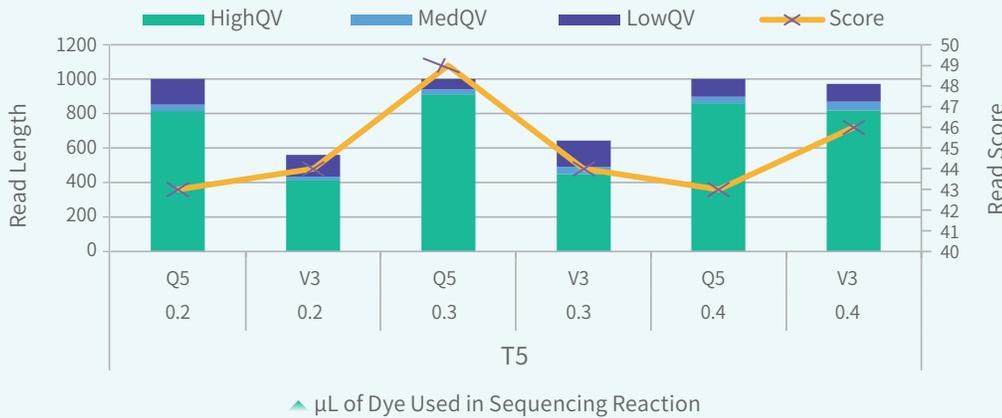
Improved performance when reading through GT-rich regions



Compatible with a variety of instruments

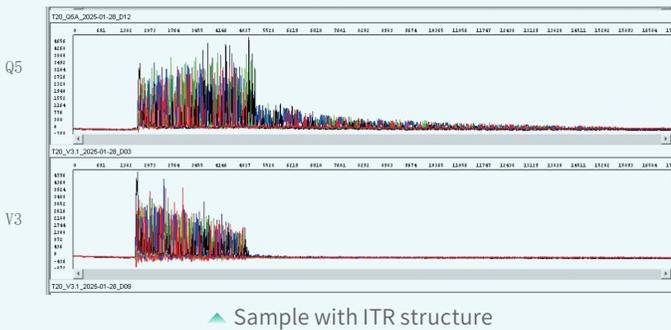
# Case Study

## ► Highly Productive and Cost-Effective

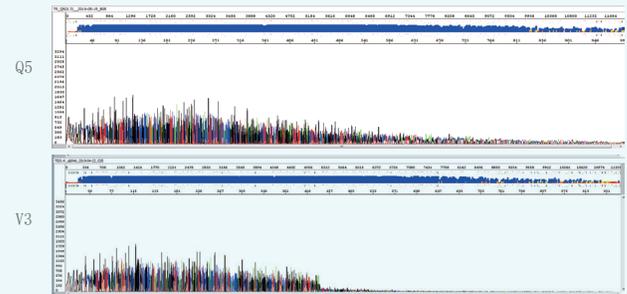


The results show that QuinDye™ Terminator requires less volume per reaction compared to a competitor's sequencing kit, reducing experimental costs.

## ► More Uniform Peak Intensity with Hairpin Samples



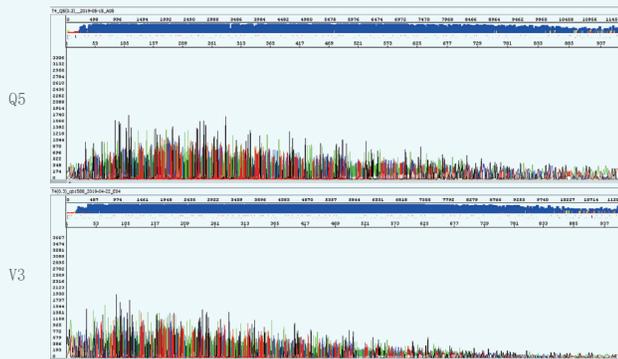
▲ Sample with ITR structure



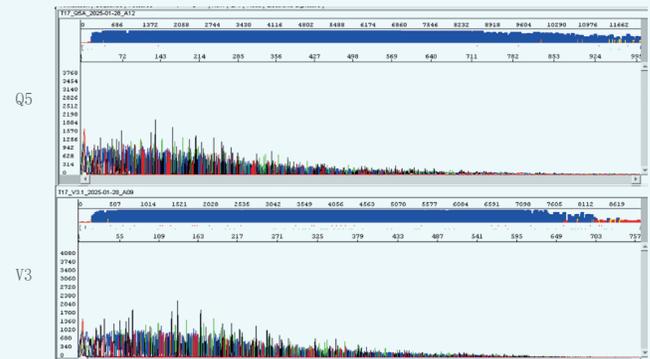
▲ Sample with hairpin structure

The results show that QuinDye™ Terminator produces high-quality reads with uniform peak heights and successfully reads through complex sequencing structures without any signal drop.

## ► Improved Performance When Reading Through GT-Rich Regions



▲ AT rich sample



▲ GC rich sample

The results demonstrate that QuinDye™ Terminator enhances sequencing performance for both AT-rich and GC-rich

**Q5** refers to QuinDye™ Terminator from Quintara Biosciences, while **V3** refers to a competitor's sequencing product.