SupreDye Cycle Sequencing Kits

ADS

Cycle sequencing is the most essential step in the entire Sanger sequencing work-flow. Finding a high-performance, cost-effective alternative is critical for many laboratories to deliver quality results while keeping their operational cost under control. The SupreDye™ Cycle Sequencing Kits can bring those advantages and benefits to the Sanger sequencing community.
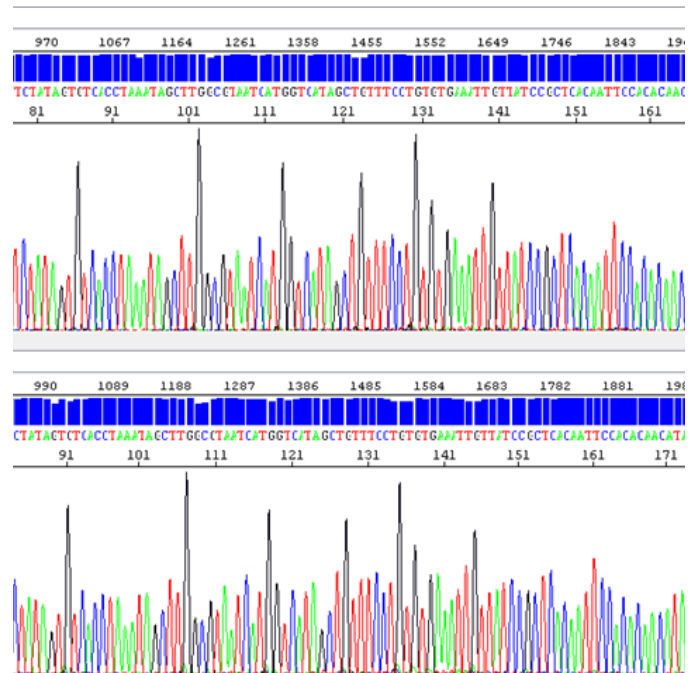
The SupreDye Cycle Sequencing Kits have the following benefits:

◊   Proven high-performance

◊   Broadly accepted in community

◊   Increased robustness for difficult templates

◊   Even peak heights and long read lengths

◊   Cost-effective

How to use the SupreDye Cycle Sequencing Kits?

All the SupreDye cycle sequencing kits are developed as "drop in" alternatives to BigDye®, as they can be directly used in your standard SOPs. There is no need for protocol modifications. The sequencing cycling kits and other products we developed for Sanger sequencing workflow are all compatible with your current operation SOPs and with the market standard products. Any reagents in the workflow can be substituted with our corresponding products without changing the sequencing performance.

◊   Same amount of reagent used

◊   Same reaction conditions

◊   Same operation conditions

◊   Same or better performance

Two repeats of a template sequencing results using SupreDye BD3 Cycle Sequencing Kit.
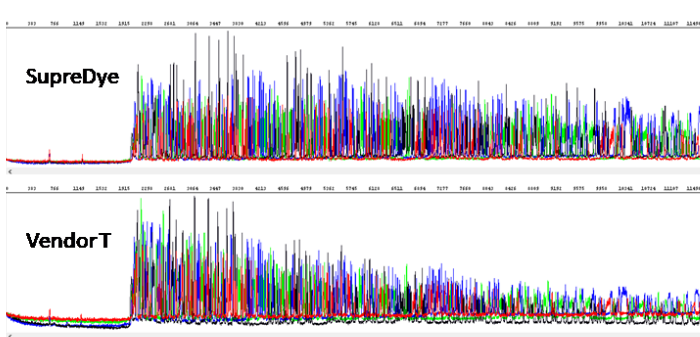
SupreDye Cycle Sequencing Kits Categories

The regular SupreDye Cycle Sequencing Kits have two versions:

◊   SupreDye™ v1.1: alternative to BigDye Terminator v1.1
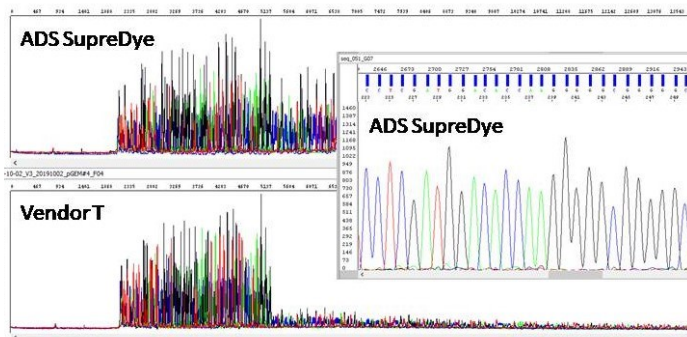
◊   SupreDye™ v3.1: alternative to BigDye Terminator v3.1

The dGTP SupereDye Cycle Sequencing Kits also have two versions:

◊   SupreDye™ dGTP v1.0: equivalent to BigDye Terminator v1.1

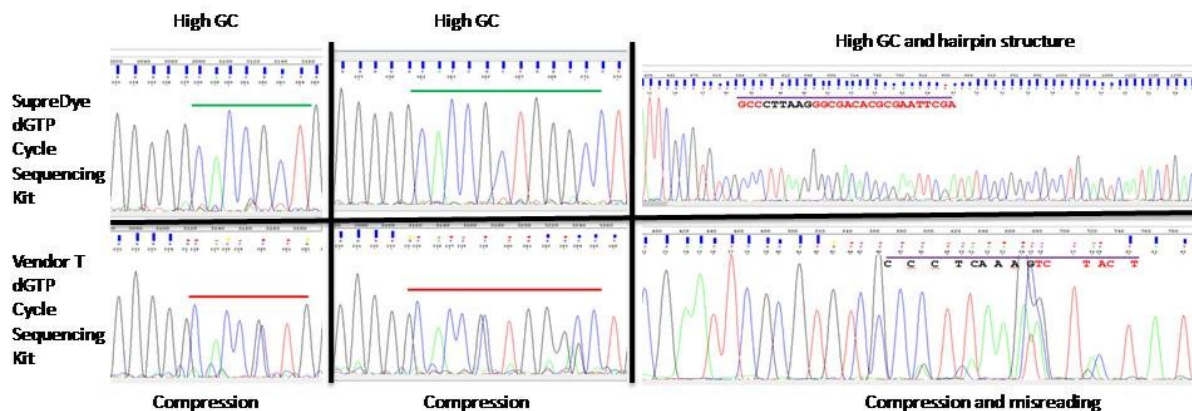◊   SupreDye™ dGTP v3.0: equivalent to BigDye Terminator v3.1

The SupreDye dGTP Cycle Sequencing Kits sequence high GC and hairpin templates.
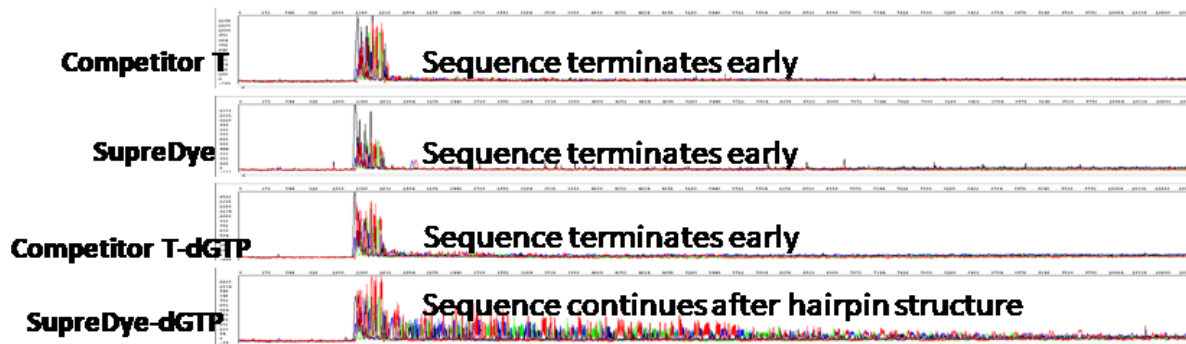
SupreDye v3.1 Cycle Sequencing Kit shows better signal uniformity

SupreDye v3.1 Cycle Sequencing Kit can read through GC rich region

SupreDye dGTP v3.1 Cycle Sequencing Kit read through the hairpin structure without compression

Only SupreDye dGTP v3.1 Cycle Sequencing Kit reads through the hairpin structure while other kits terminates early

SupreDye™ v3.1 and dGTP 3.0 Cycle Sequencing Kits

Catalog number	Product Name	Unit Size
063002	SupreDye v3.1 cycle sequencing kit	100 rxns
063020	SupreDye v3.1 cycle sequencing kit	2500 rxns
063040	SupreDye v3.1 cycle sequencing kit	5000 rxns
065002	SupreDye dGTP v3.1 cycle sequencing kit	100 rxns
065020	SupreDye dGTP v3.1 cycle sequencing kit	2500 rxns

SupreDye™ v1.1 and dGTP v1.0 Cycle Sequencing Kits

Catalog number	Product Name	Unit Size
060002	SupreDye v1.1 cycle sequencing kit	100 rxns
060020	SupreDye v1.1 cycle sequencing kit	2500 rxns
060040	SupreDye v1.1 cycle sequencing kit	5000 rxns
061002	SupreDye dGTP v1.1 cycle sequencing kit	100 rxns
061020	SupreDye dGTP v1.1 cycle sequencing kit	2500 rxns

www.advancedSeq.com orders@advancedseq.com 818-639-4362