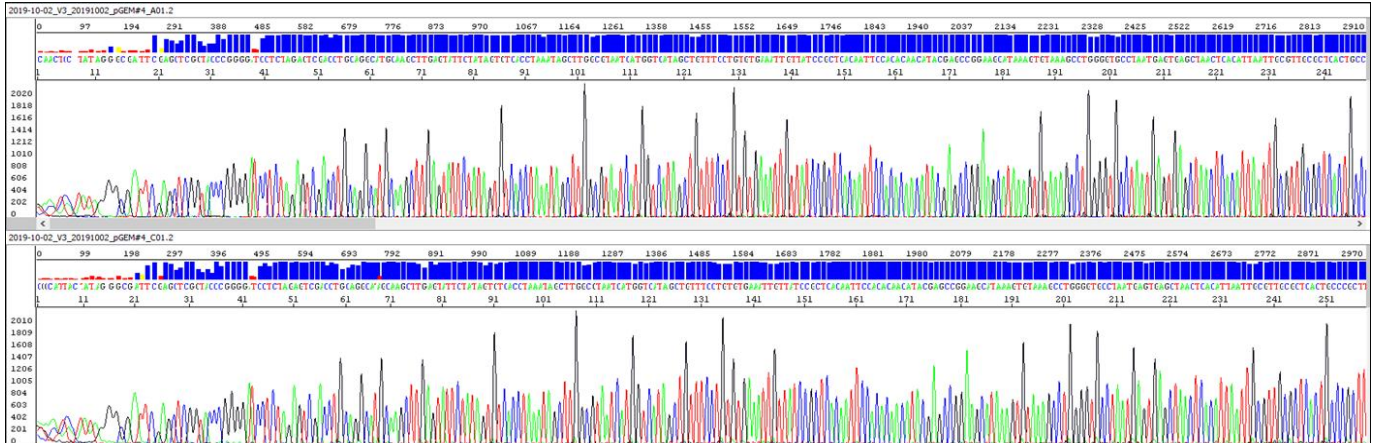


## BD3 Cycle Sequencing Mix Product Focus

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 BD3 Cycle Sequencing Kits can bring those advantages and benefits to the Sanger sequencing community.



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

**The BD3 Cycle Sequencing Mix 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 BD3 Cycle Sequencing Mix?

All the BD3 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

### BD3 Cycle Sequencing Mix Categories

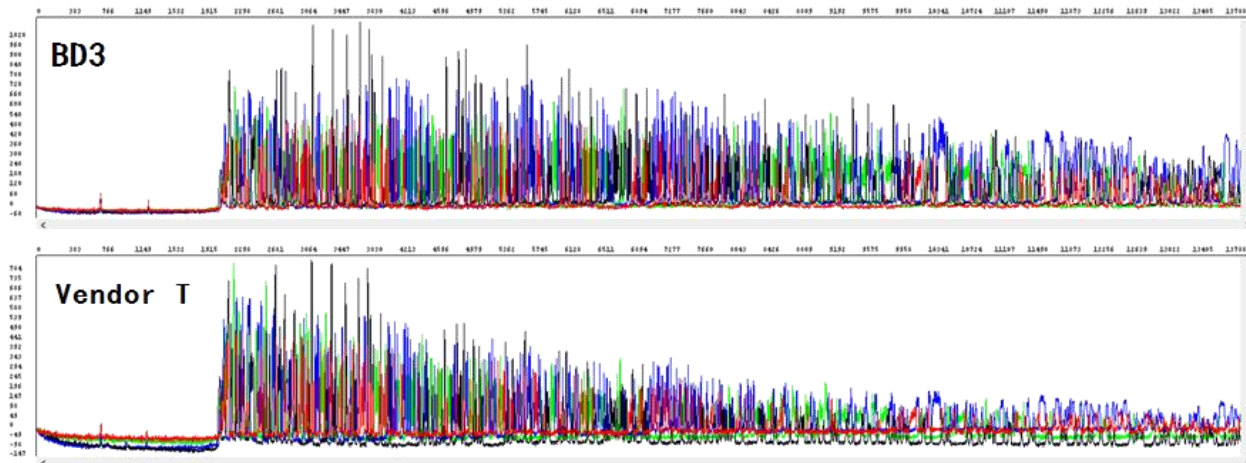
The regular BD3 Cycle Sequencing Mix have one versions:

BD3 v3.1: alternative to BigDye Terminator v3.1

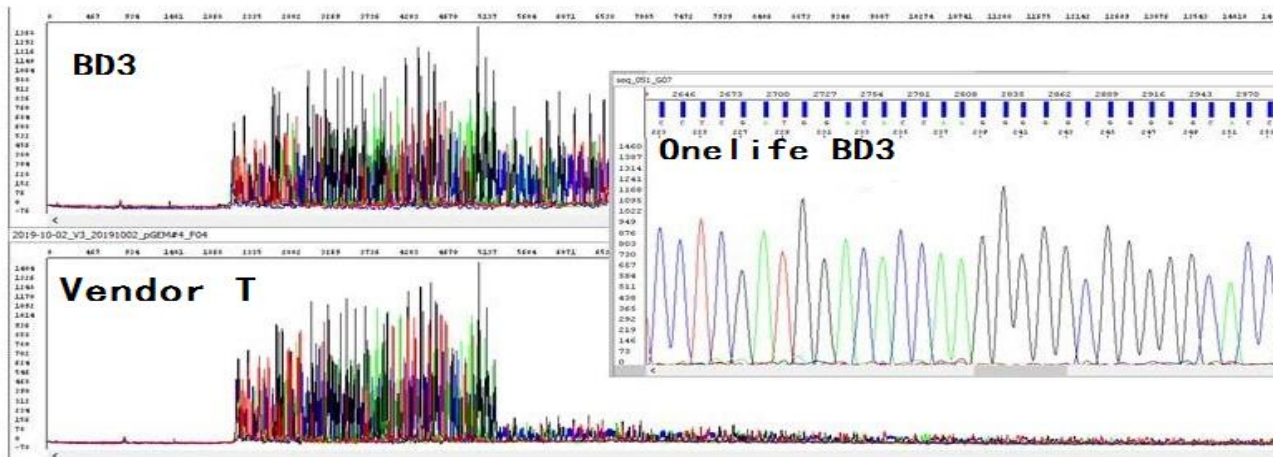
The dGTP BD3 Cycle Sequencing Mix also have one versions:

dGTP BD3 v3.0: equivalent to BigDye Terminator v3.1

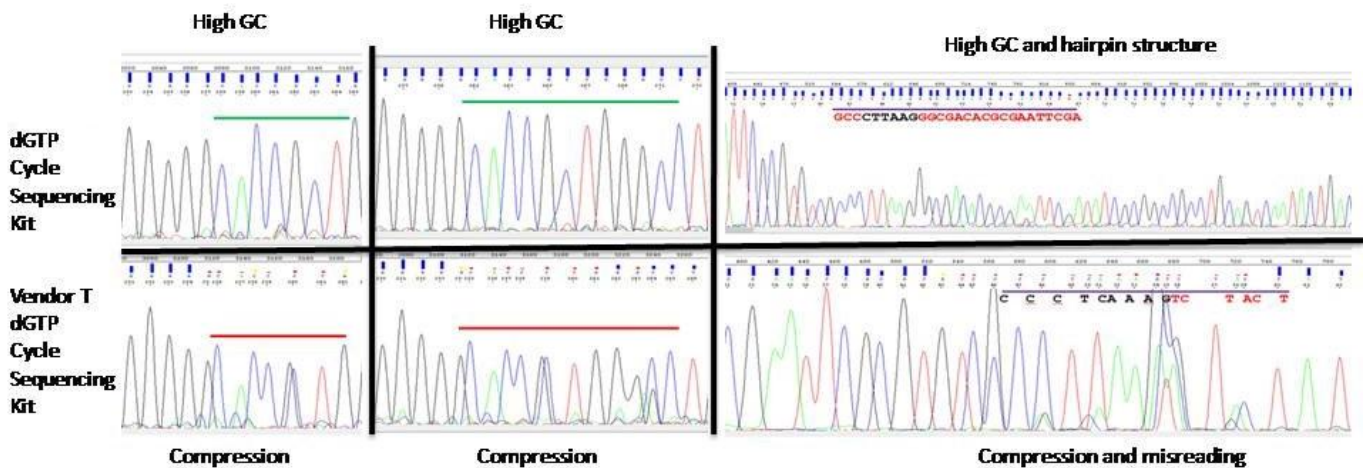
The dGTP BD3 Cycle Sequencing Kits sequence high GC and hairpin templates.



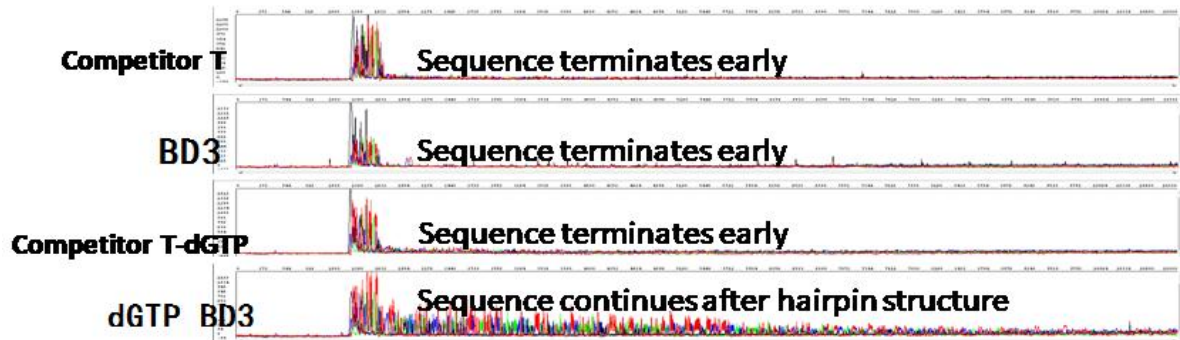
BD3 Cycle Sequencing Kit shows better signal uniformity



BD3 Cycle Sequencing Kit can read through GC rich region



dGTP BD3 Cycle Sequencing Kit read through the hairpin structure without compression



Only dGTP BD3 Cycle Sequencing Kit reads through the hairpin structure while other kits terminates early

### BD3 and dGTP BD3 Cycle Sequencing Mix

Catalog number	Product Name	Unit Size
6304010	BD3 Cycle Sequencing Mix	100µl
6305010	BD3 Cycle Sequencing Mix	125rxn
6305050	BD3 Cycle Sequencing Mix	125rxn*5
6305200	BD3 Cycle Sequencing Mix	125rxn*20
6306040	BD3 Cycle Sequencing Mix	2500rxn*2
6504010	dGTP BD3 Cycle Sequencing Mix	100µl
6504080	dGTP BD3 Cycle Sequencing Mix	100rxn
6504400	dGTP BD3 Cycle Sequencing Mix	100rxn*5
6506040	dGTP BD3 Cycle Sequencing Mix	2500rxn*2