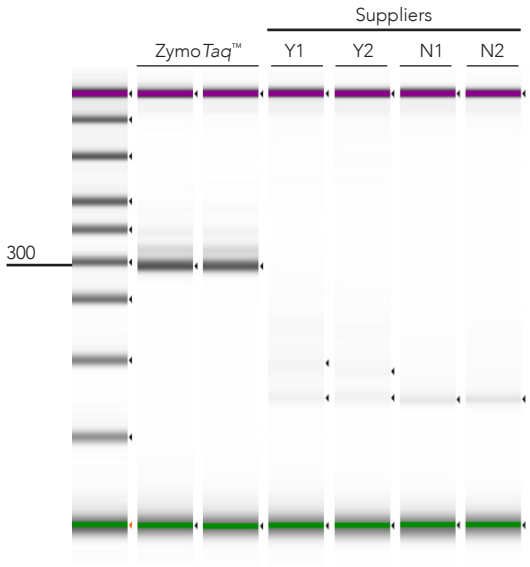
Efficient Amplification from Bisulfite-Converted DNA

Zymo*Taq*™ DNA Polymerase

- **Reliable:** Hot-start DNA polymerase robustly amplifies DNA, including bisulfite-treated samples.
- **Specific:** Reduces non-specific PCR product formation from difficult templates.
- **Versatile:** Compatible with real-time, quantitative PCR and suitable for TA-cloning.

Reduce Non-specific PCR Product Formation



Efficient PCR amplification of bisulfite-treated DNA for methylation detection. The figure shows a 274 bp product amplified from bisulfite-treated DNA using Zymo*Taq*™ DNA Polymerase vs. polymerases from Suppliers Y and N. In each case, equal amounts of bisulfite-treated DNA (EZ DNA Methylation®-Lightning Kit from Zymo Research) were used for each duplicate PCR reaction, and the products were visualized using the Agilent 2200 TapeStation® system.

Product	Cat. No.	Size
Zymo*Taq*™ DNA Polymerase	E2001 E2002	50 rxns 200 rxns
Zymo*Taq*™ PreMix	E2003 E2004	50 rxns 200 rxns
Zymo*Taq*™ qPCR PreMix	E2054 E2055	50 rxns 200 rxns

info@zymoresearch.com www.zymoresearch.com Toll Free: (888) 882-9682