

NEW & IMPROVED

MegaFi™ Pro Fidelity DNA Polymerase

2000X lower error rates than regular Taq

www.abmgood.com/mega-fi-pro-fidelity-dna-polymerase.html



2000X lower error rates



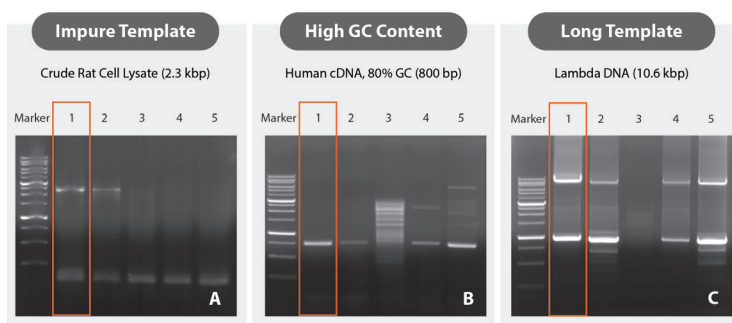
Amplifies difficult templates



Effective in long-range PCR

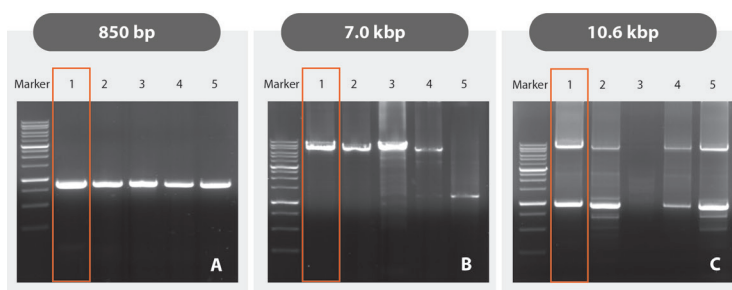


Amplify difficult targets:

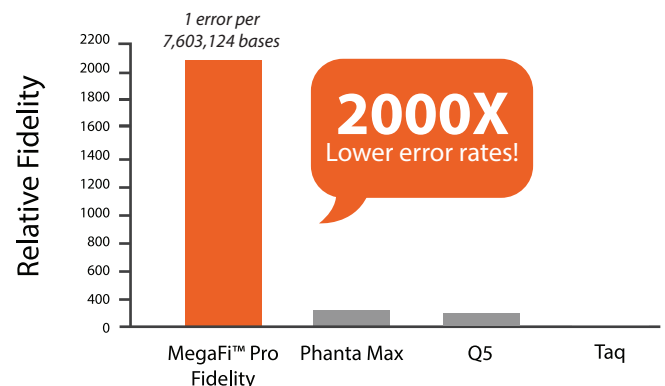


PCR amplification using **abm's** MegaFi™ Pro Fidelity DNA Polymerase (Cat. No. G886/G887) (orange box, lane 1) of various targets vs. competitor polymerases (lanes 2 to 5) followed by electrophoresis on a 1% agarose gel. (A) Impure template: ~2.3 kbp template from Crude Rat Cell Lysate. (B) High GC content: 800 bp Human gDNA template with 80% GC content. (C) Long template: 10.6 kbp Lambda DNA template.

Amplify a broad range of target lengths:



PCR amplification using **abm's** MegaFi™ Pro Fidelity DNA Polymerase (Cat. No. G886/G887) (orange box, lane 1) of various targets vs. competitor polymerases (lanes 2 to 5) followed by electrophoresis on a 1% agarose gel. (A) 10 ng of a 850 bp Human cDNA template. (B) 10 ng of a 7.0 kbp plasmid template. (C) 10 ng of a 10.6 kbp Lambda DNA template.



MegaFi™ Pro Fidelity DNA Polymerase offers 2,000X lower error rates than regular Taq. **abm's** MegaFi™ Pro Fidelity DNA Polymerase (Cat. No. G886/G887) has the highest accuracy rate compared to other DNA polymerases as tested using blue/white colony screening (see raw data online). Shown as relative fidelity compared to Taq DNA Polymerase (Taq = 1X).

Product	Size	Cat. No.
MegaFi™ Pro Fidelity DNA Polymerase	400 rxn	G886
MegaFi™ Pro Fidelity 2X PCR MasterMix	800 rxn (10 ml)	G887

Request your FREE sample!



ISO 13485:2016 Certified

Product manufactured under Quality Management System conforming with ISO 13485:2016 as certified by Intertek.