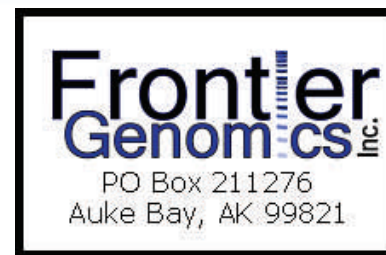


EcoTILLING Kit™ Item #800887

Optimized reagents and controls for TILLING® and EcoTILLING

The use of TILLING for reverse genetics and Eco-TILLING for SNP discovery are rapidly becoming the methods of choice for various research endeavors.

Note: Some applications outlined below may require licenses from other parties.



Kit Benefits

The Frontier Genomics **EcoTILLING kit** has been developed to minimize assay development time and to provide quality reagents to ensure perfect TILLING® and EcoTILLING experiments every time.

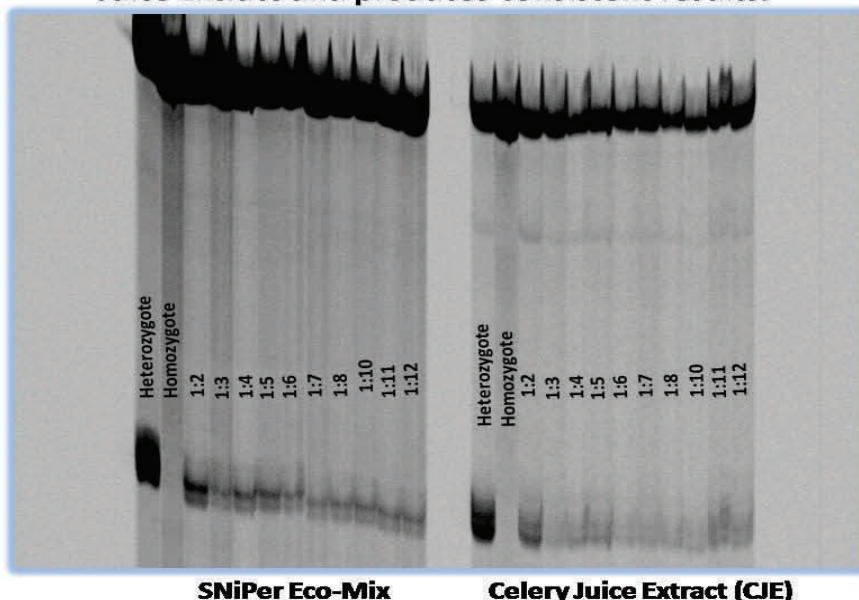
- SNIper Eco-Mix has been optimized to reduce LI-COR primer IRDye® loss commonly seen with celery juice extract (CJE) while maintaining maximum product cleavage
- Comes complete with all PCR reagents including *Taq* polymerase and dNTPs
- PCR reagents have been optimized to work with EcoTILLING cleavage buffer and enzyme.
- All reagents can be stored at -20°C
- Kit contains enough reagents for 500 PCR and cleavage reactions.
- Includes both a heterozygous and a homozygous control mix containing LI-COR IRDye® primers and template.

Contents:

- 10X PCR Buffer (1 x 1.0mL)
- 50mM MgCl₂ (1 x 1.0 mL)
- 10mM dNTPs (5 x 0.15 mL)
- SharkaTAQ™ (1 x 0.5 mL)
- 2X Reaction Buffer (5 x 1.25 mL)
- SNIper Eco-Mix (1 x 60 µL)
- Stop buffer (2 x 1.5 mL)
- Loading Buffer (2 x 1.5 mL)
- Homozygous Control Mix (1 x 100µL)
- Heterozygous Control Mix (1 x 100µL)

NOTE: Thaw dNTPs at 4°C and keep on ice at all times! This is a common source of PCR failure. Store all components store at -20°C.

SNIper Eco-Mix is more sensitive than Celery Juice Extract and produces consistent results.



Questions or comments please write us at: info@FrontierGenomics.com or call (888) 498-0188