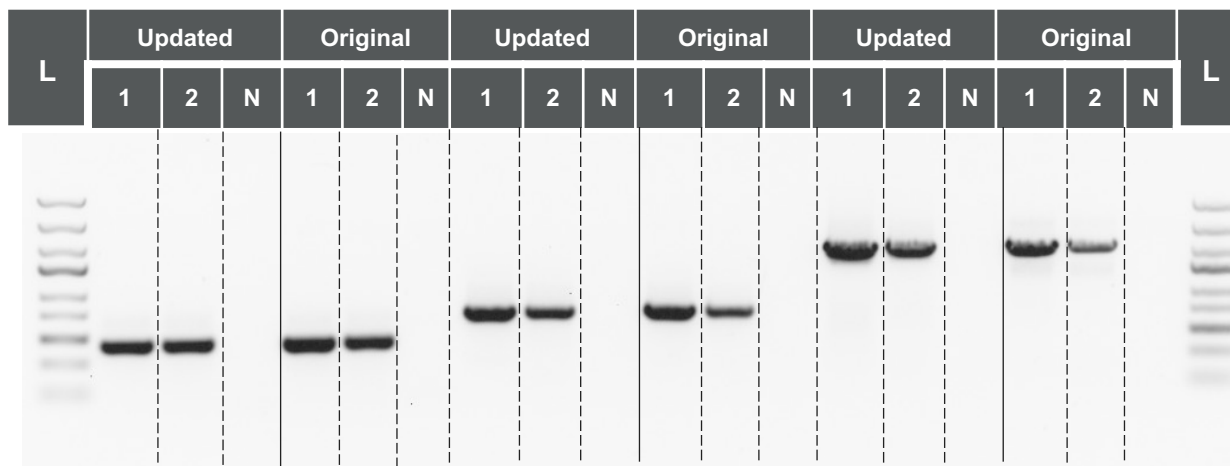


Comparison of updated and original Phire direct PCR master mix formulations

 The world leader in serving science



Performance of updated and original Phire Plant Direct PCR Master Mix formulations



Performance of original and updated Phire Plant Direct PCR Master Mix formulations.
Amplification of purified DNA was performed with the original and updated Phire Plant Direct PCR Master Mix formulations. Tobacco leaf extract (1.25 μ L) was also used for amplification according to the protocol. Lanes: 1: purified DNA; 2: tobacco leaf; N: no-template control. Fragment lengths from left to right are 449 bp, 704 bp, and 2 kb.

Original formulation

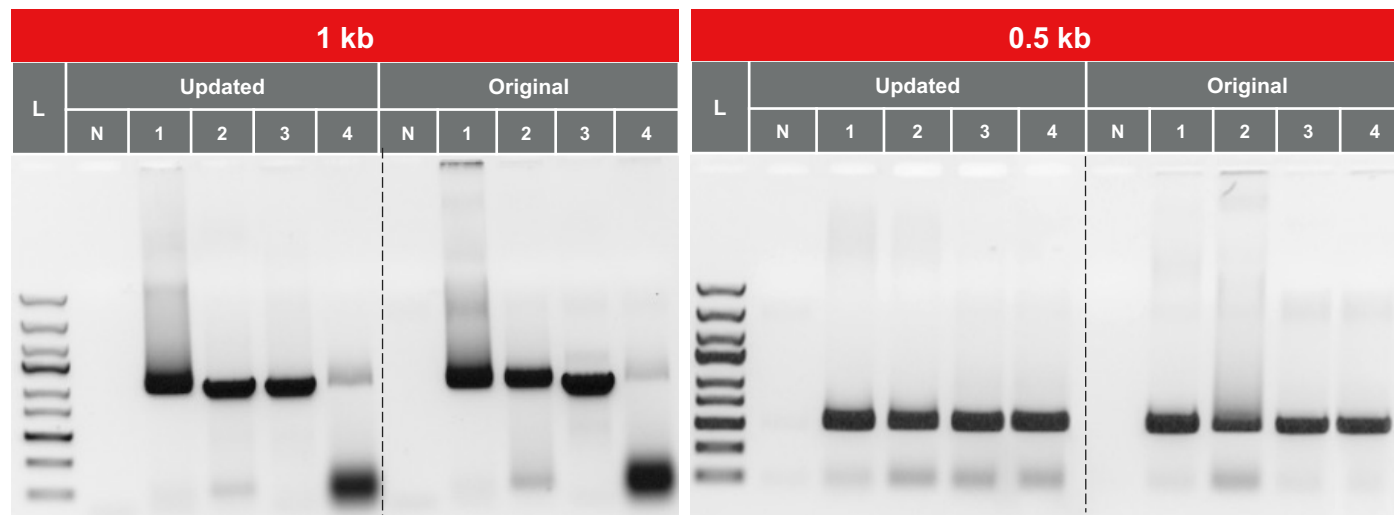
Thermo Scientific™ Phire™ Plant Direct PCR Master Mix with Triton™ X-100 detergent

Updated formulation

Thermo Scientific™ Phire™ Plant Direct PCR Master Mix with a different detergent

The updated Phire Plant Direct PCR Master Mix formulation is functionally equivalent to the original formulation.

Performance of updated and original Phire Tissue Direct PCR Master Mix formulations



Performance of original and updated Phire Tissue Direct PCR Master Mix formulations. Mouse ear, tail, hair, and liver samples were directly amplified using the original and updated Phire Tissue Direct PCR Master Mix formulations. Tobacco leaf extract (1.25 μ L) was also used for amplification according to the protocol. Lanes: 1: ear; 2: tail; 3: liver; N: no-template control.

Original formulation

Thermo Scientific™ Phire™ Tissue Direct PCR Master Mix with Triton X-100 detergent

Updated formulation

Thermo Scientific™ Phire™ Tissue Direct PCR Master Mix with a different detergent

The updated Phire Tissue Direct PCR Master Mix formulation is functionally equivalent to the original Phire Tissue Direct PCR Master Mix formulation.

Thank you

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