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Comparison of Taq Master Mix from Vivantis and Supplier B

Amplification of MCS region with inserts 1.4kb from pTZ using M13 primer in a 50µl reaction.
5µl of PCR product is loaded per lane and electrophoresed in 1.0% TBE agarose gel.
2 different brands of Taq Master Mixes are tested in a 50µl PCR reaction.

Experimental Date: 25th July 2016

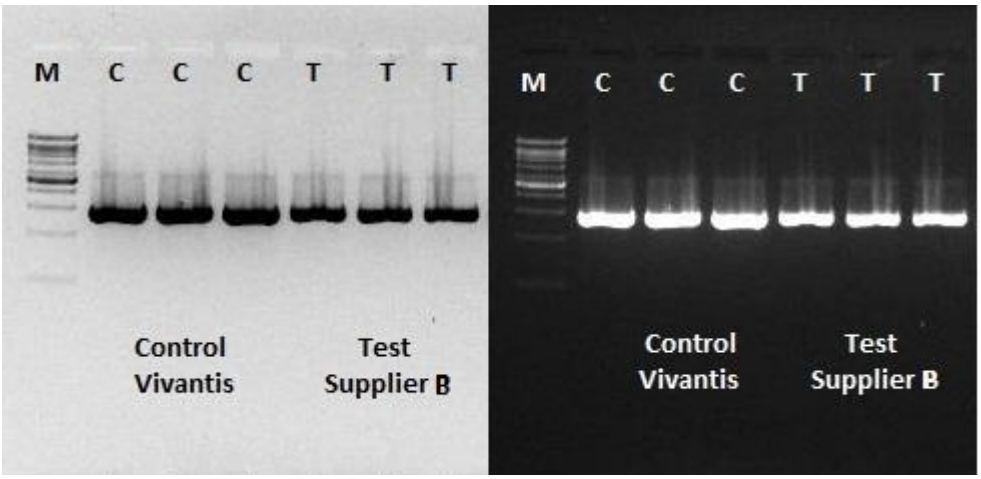

Figure 1: Amplification of pTZ template using M13 primer using Taq Master Mixes. 25µl of Taq Master Mix is used for single reaction. 5µl of PCR product is loaded per lane. Expected PCR product size amplified is 1.4kb.

Legend:
C: Amplification using 0.3ng/µl of pTZ DNA template, 0.2µM of primers and 25µl 2X Taq Master Mix from Vivantis
T: Amplification using 0.3ng/µl of pTZ DNA template, 0.2µM of primers and 25µl 2X Taq Master Mix from Supplier B
M: VC 1kb DNA ladder

Conclusion:
The performance of Vivantis's Taq Master Mix is better compared to the performance of Supplier B's Taq Master Mix.

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