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Negative Primer Set 1

Catalogue no: CT-800008



Chromatrap®'s Negative Primer Set 1 provides the necessary tools required for a successful negative qPCR primer control to validate your MeDIP assay. It promises to provide a reliable negative gene target for validation of your MeDIP experiment. It is a complete primer set including both forward and reverse primers, with sufficient primer mix supplied for a whole 96 well plate. Chromatrap®'s Negative Primer Set 1 is not suitable for use with non-human species.

Background:

Chromatrap®'s Negative Primer Set 1 recognises the hypomethylated protein-coding gene UBE2B, this will not be picked up by methylation study assays. A 177 base pair fragment is amplified by this primer set. The enzyme that this gene encodes is required for DNA damage repair after replication has occurred.

It is a negative gene target for 5-methylcytosine.

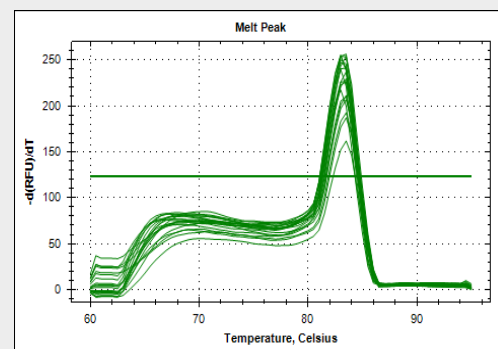
Suggested Usage:

Primer Set	Suggested Dilution	Figure
Negative Primer Set 1	Dilute from 4 μ M (provided) to 1 μ M working concentration	1

Please note: Optimal dilutions should be determined by the user. These volumes are stated as guidelines only.

Figure 1. Melt Curve for Negative Primer Set 1

Negative Primer Set 1 was run at a working concentration of 1 μ M. The melt curve confirms that only one PCR product is amplified with this primer set during qPCR.



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Advancements in Epigenetics

*This product is for research use only. There is a possibility that results may vary between antibody lots.

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