



#### Distributed by:

XpressBio  
4650 Wedgewood Blvd.  
Suite 103  
Frederick, MD 21703  
301-228-2444  
xpressbio@xpressbio.com  
www.xpressbio.com

## Positive Primer Set 1

Catalogue no: CT-800000



Chromatrap®'s Positive Primer Set 1 provides the necessary tools required for successful qPCR to validate your CHIP assay. 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 Positive Primer Set 1 is not suitable for use with non-human species.

#### Background:

Chromatrap®'s Positive Primer Set 1 recognises the promoter region of the GAPDH gene that is associated with active transcription. A 69 base pair fragment is amplified with this primer set.

It is a positive gene target for the following: H3K4me1, H3K4me3, H3K27ac and RNA Pol II; among others.

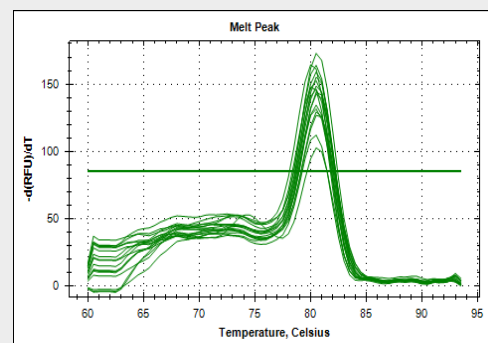
#### Suggested Usage:

Primer Set	Suggested Dilution	Figure
Positive Primer Set 1	Dilute from 4 $\mu$ M (provided) to 1 $\mu$ 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 of Positive Primer Set 1

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



Distributed by:



Advancements in Epigenetics

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

Company registered in England no 2047818 Registered office: 7 Regis Place, Bergen Way, Kings Lynn, PE30 2JN United Kingdom