



## Positive Primer Set 5

Catalogue no: 800004

Chromatrap®'s Positive Primer Set 5 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 5 is not suitable for use with non-human species.

### Background:

Chromatrap®'s Positive Primer Set 5 recognises the promoter region of the protein-coding FkBP5 gene that has roles in glucocorticoid and progesterin signalling pathways. It can regulate prostate physiology in the presence of androgen (Magee et al. 2013). An 81 base pair fragment is amplified with this primer set.

It is a positive gene target for the male hormone receptor gene AR (Androgen Receptor) in the presence of testosterone.

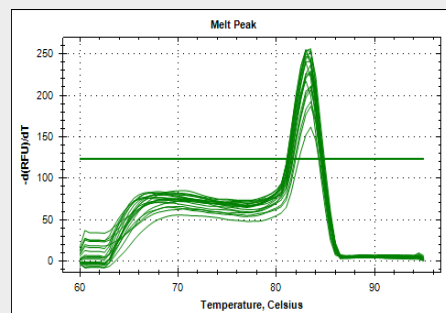
### Suggested Usage:

Primer Set	Suggested Dilution	Figure
Positive Primer Set 5	Dilute from 4µM (provided) to 1µM 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 5

Positive Primer Set 5 was run at a working concentration of 1µM. The melt curve confirms that only one PCR product is amplified with this primer set during qPCR.



## Advancements in Epigenetics

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