

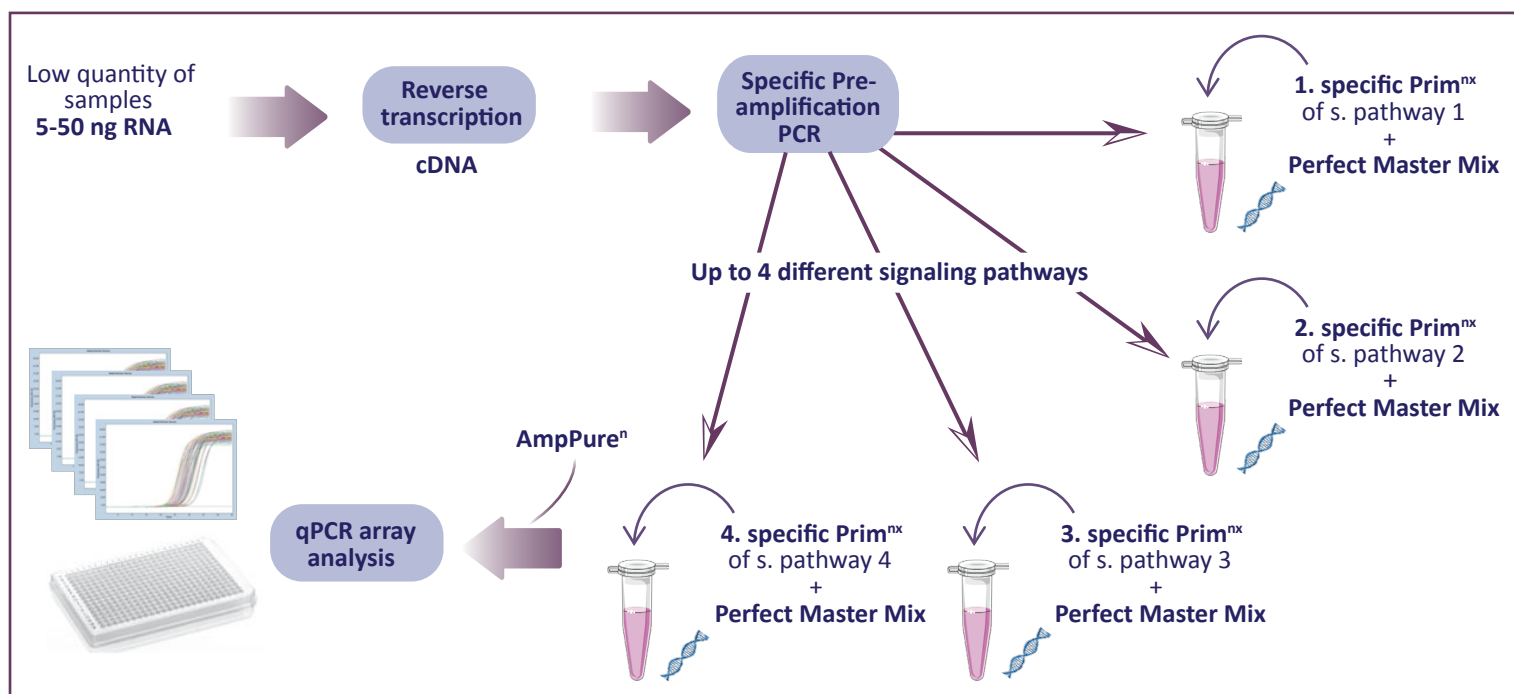
# AnyGenes® SpeAmp<sup>n</sup> system

## Analyse any signaling pathways with only 5 ng of RNA

You have small quantity of biological sample but many signaling pathways to explore?

AnyGenes® team is proud to help you with our new range of **specific cDNA pre-amplification SpeAmp<sup>n</sup> system** to perform high-throughput analysis with very small amounts of biological material. It's now possible, from **5 ng of RNA**, to analyse up to **368 genes** or **4 signaling pathways** from the large catalogue of AnyGenes® SignArrays®. You can also customize your signaling pathways with genes of your interest.

### ✓ Principle



### ✓ SpeAmp<sup>n</sup> contents

- **Perfect Master Mix** containing a thermo-stable Taq DNA Polymerase as well as buffer and MgCl<sub>2</sub> at concentrations optimised for the high performance of the enzyme and dNTPs required for cDNA pre-amplification.

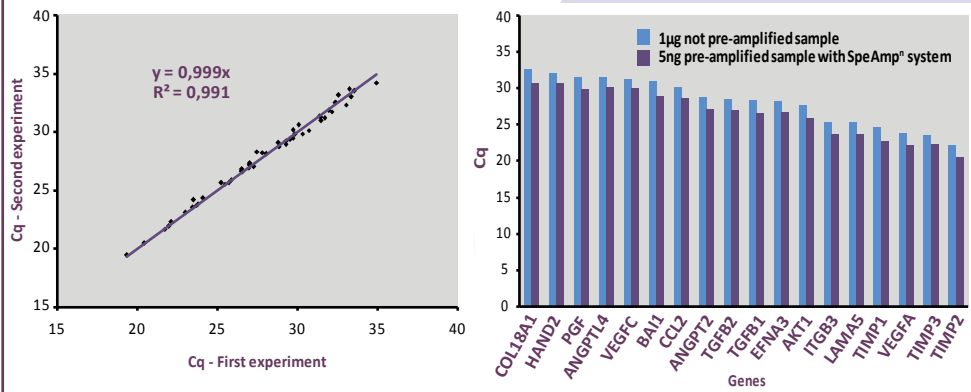
- **AmpPure<sup>n</sup>**, containing a pool of enzymes allowing purification of the PCR products at the end of the pre-amplification step.

- **Prim<sup>nx</sup> (not included in the SpeAmp<sup>n</sup> kit)**: pool of specific primers of your favorite signaling pathways or custom genes. Please order separately.

**NB : The Prim<sup>nx</sup> pool has to correspond to the catalogue reference of the SignArray® of your choice!**

## ✓ Characteristics

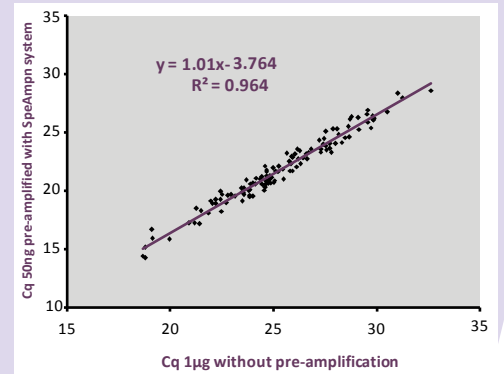
### Correlation



**Very high correlation** between pre-amplification with SpeAmp<sup>n</sup> kit and without pre-amplification (RNA from our large collection of human and mouse tissues).

The pre-amplification step with the SpeAmp<sup>n</sup> system **does not alter the quantified expression level of each gene**.

### Reproducibility



**Reproducible results** with two distinct experiments using pre-amplification SpeAmp<sup>n</sup> kit.

*(experiment repeated twenty times)*

Fully compatible with AnyGenes<sup>®</sup> SignArrays<sup>®</sup> systems, the SpeAmp<sup>n</sup> system has been optimised and **experimentally validated** by our strict quality control policy in order to give you **highly reliable and reproducible results**.

## ✓ Key strengths of SpeAmp<sup>n</sup> system

- Needs **few ng of RNA to analyse 368 genes of interest**
- Specific of any signaling pathway from AnyGenes<sup>®</sup> SignArrays<sup>®</sup>
- Customizable, you can choose genes of your interest
- Usable on any type of samples (Frozen tissues, biopsies, FFPE samples, LCM samples, PBMC...)
- Highly **reliable and reproducible results** validated by our strict quality control procedure
- **Very attractive prices**



## ✓ Catalogue

	Nb of Reactions	Catalogue Reference
SpeAmp <sup>n</sup>	10	SpeAmp <sup>n</sup> -10
	25	SpeAmp <sup>n</sup> -20
	50	SpeAmp <sup>n</sup> -50

	Nb of Reactions	Catalogue Reference
Prim <sup>nx</sup>	10	Prim <sup>nx</sup> -10
	25	Prim <sup>nx</sup> -20
	50	Prim <sup>nx</sup> -50

\* Pool of specific primers for one signaling pathway

For any further information, please contact us at [technical@anygenes.com](mailto:technical@anygenes.com) or visit our website [www.anygenes.com](http://www.anygenes.com)