

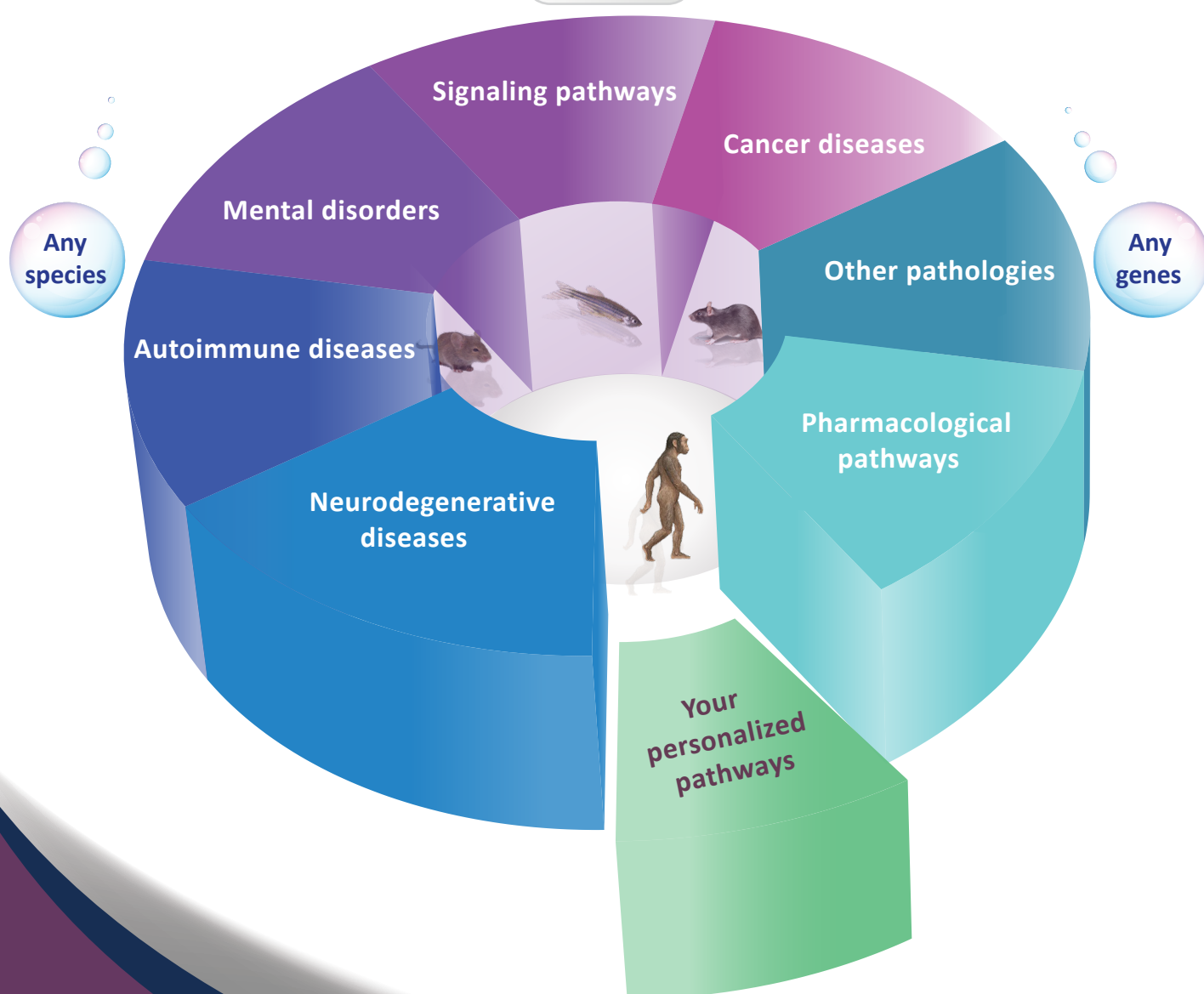


## Your customized signaling pathways (SignArray® System)

More than hundreds  
of signaling pathways

More than thousands of  
gene expression assays

Ready to use



For research use only

# SignArray® System

All-in-one customizable solution

Since 2007, AnyGenes team is proud to offer you a large panel of signaling pathways or gene expression assays that you can easily custom to your project needs at very competitive prices.

## What is a SignArray®?

The SignArray system is an all-in-one solution that helps you to analyse your favorite signaling pathways using qPCR array technology. Each well in a SignArray contains one specific primer pair to analyse the expression level of a specific targeted gene. We offer you two formats of SignArrays : 96 or 384 well plates, compatible with your qPCR instruments.

### Example: Cytokines SignArray 96

	1	2	3	4	5	6	7	8	9	10	11	12
A	XCL2	XCL1	C5	CCL1	CCL11	CCL13	CCL17	CCL18	CCL19	CCL20	CCL22	CCL24
B	CCL3	CCL5	CCL8	CX3CL1	CXCL11	CXCL12	CXCL13	CXCL16	CXCL2	CCL7	TXLNA	IL36B
C	IL9	IL5	IL37	IL11	IL13	IL16	IL17B	IL17C	IL17F	IL18	IL19	IL1F10
D	IL1RN	IL20	IL21	IL22	IL24	IL25	IL27	IL3	IL36A	TNFSF4	TNFSF14	TNFSF13B
E	TNFSF13	TNFSF11	LTB	LTA	TGFB3	PPBP	MSTN	INHBA	INHBA	BMP1	BMP2	BMP3
F	BMP4	BMP5	BMP6	BMP7	GDF10	GDF11	GDF2	GDF3	GDF5	GDF9	THPO	CSF1
G	CSF2	OSM	NODAL	CSF3	LIF	LETTY2	MIF	FAM3B	BMP8B	GPI	CNTFR	ADIPOQ
H	PPIA	ACTB	TBP	B2M	RPLP0	HPRT1	GUS	TFR3	POS CONT	POS CONT	NEG CONT	NEG CONT

Reference genes
Controls

- Chemokines
- Interleukins
- TNF Superfamily
- TGFβ Superfamily
- Growth Factors
- Adipocytokines
- Cytokines activity; Growth factors
- Cytokines activity

## Kit composition :

**SignArray®:** Specific qPCR (96 or 384 well) plate, of a signaling pathway (84 genes of interest, 8 reference genes, 4 quality controls).

**Perfect Master Mix SYBR® Green:** this reagent has been specifically developed to get the best results with our SignArray® system.

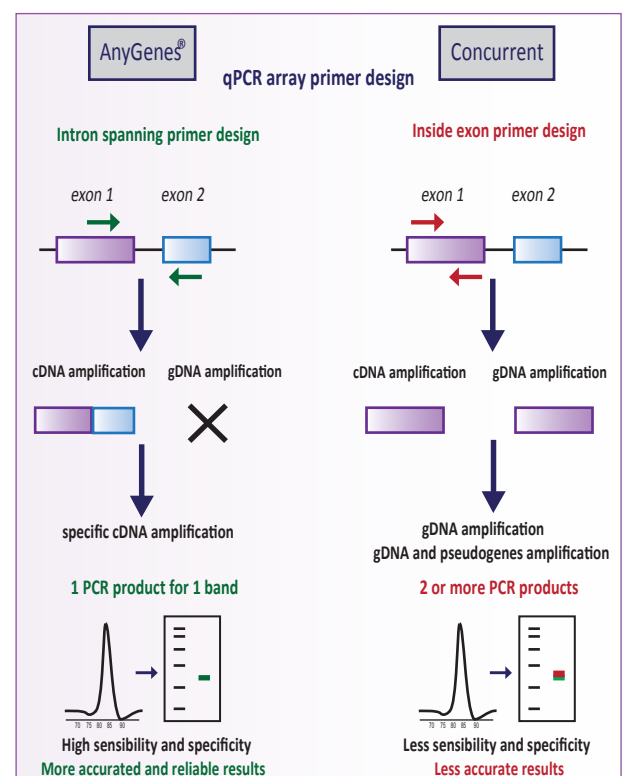
**Free data analysis software** and complete documentation for each signaling pathway.

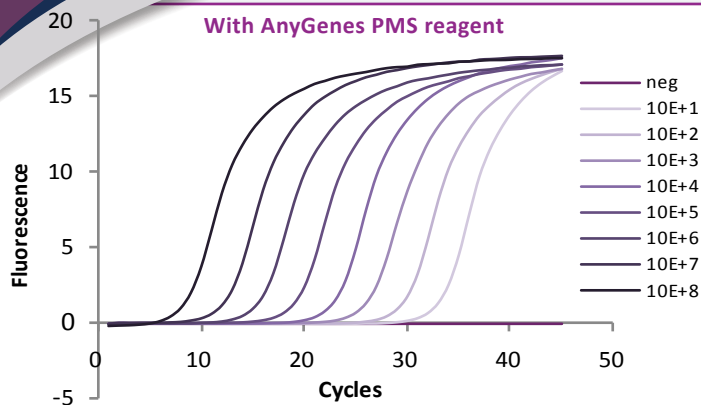


## Our primer design : stringent and specific

All our primer sets are designed on two exons for high specificity. Their efficiency is validated in our molecular platform at **experimental level** by using a large collection of tissues and cell lines.

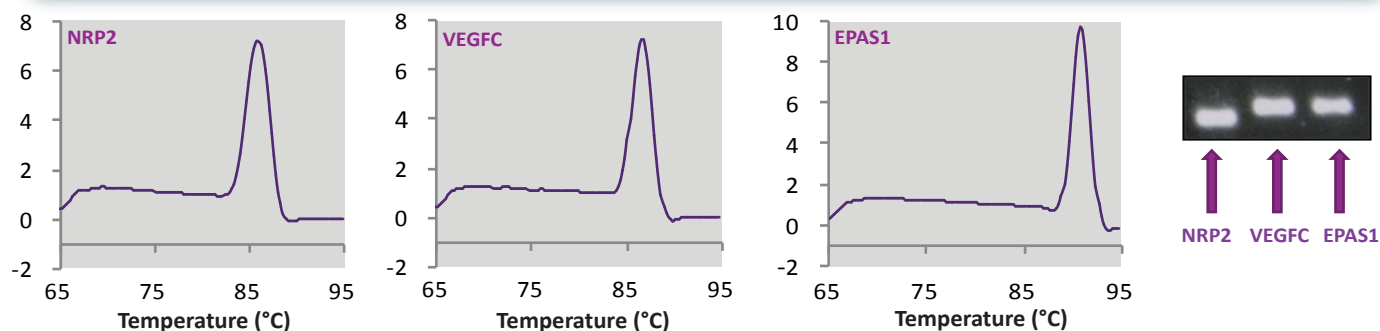
## Characteristics



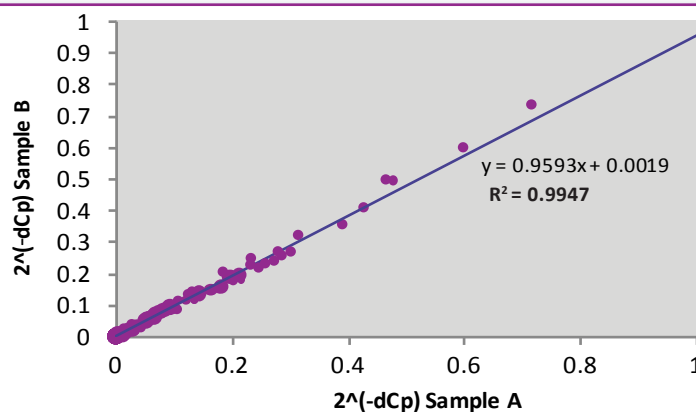


**Primer efficiency** is guaranteed by our rigorous experimental quality controls (efficiency between 90 and 110%) by using our **Perfect Master Mix SYBR® Green (PMS)** specifically developed.

**Specificity:** based on strict intron spanning design, all our primers are tested for a single peak on the melting curve and a single gel band at the expected weight. Each primer pair detects a specific product and guarantees the best specificity.

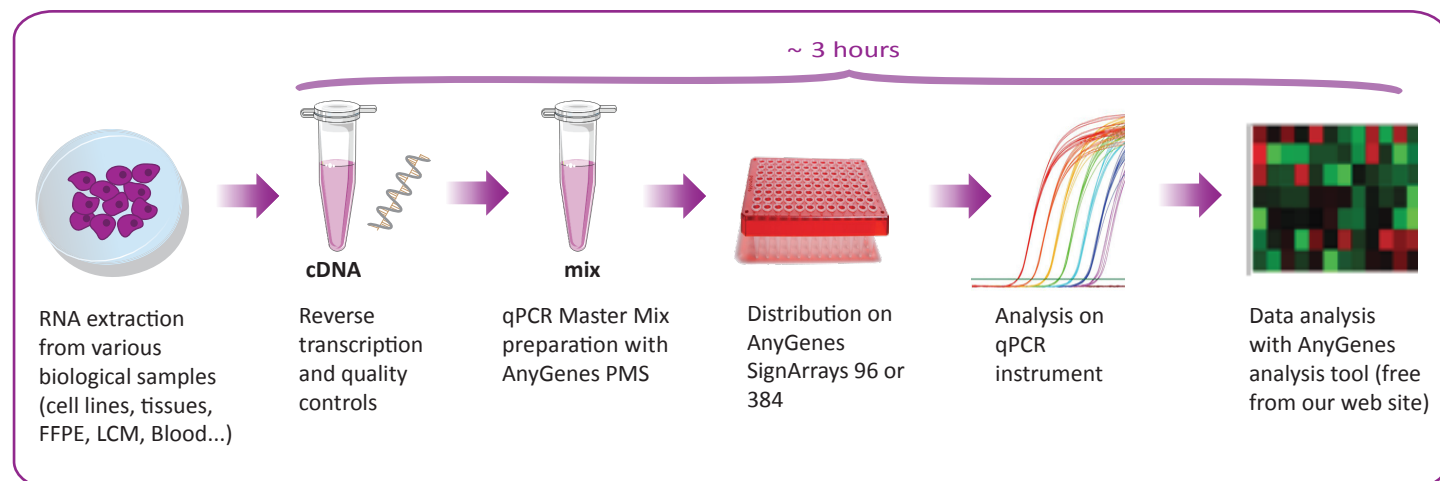


**Reproducibility:** Our Perfect Master Mix SYBR® Green reagent (**PMS**) has been developed and validated with all our signaling pathways for reliable and reproducible results (correlation between the same SignArrays tested with same cDNAs).



AnyGenes® SignArrays 96 and 384 are compatible with all qPCR instruments available on the market, you can select the references of your devices on [www.anygenes.com](http://www.anygenes.com)

## Easy and fast protocol



## Prices you can afford



Our prices are the most competitive in the market.

We have a policy of scaled prices in proportion of the quantity of ordered SignArrays® 96 or 384 and PMS reagents.

For more information please contact us:

[contact@anygenes.com](mailto:contact@anygenes.com)



## Some citations

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## Some of our partners



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