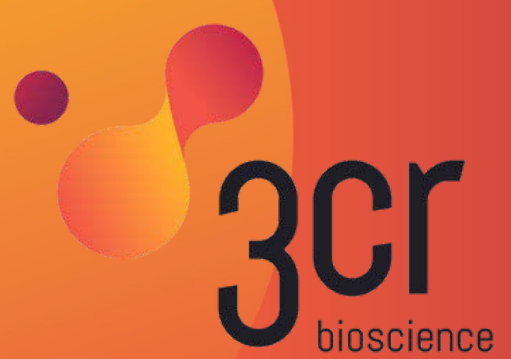


# TECHNOLOGY LEADERS IN PCR GENOTYPING



Harnessing the power of genetic diversity, **PACE® PCR genotyping** accelerates your genomic research and breeding programs.



SNP DISCOVERY

GWAS, QTL SCREENING, TRAIT MAPPING

MARKER VALIDATION

GENOMIC SELECTION, MARKER ASSISTED BREEDING

Highest standards  
of accuracy and  
performance



Low cost per  
datapoint



## Just some of 3CR Bioscience's technology leading products:

**PACE® Genotyping Master Mix:** A universal PCR mix for allele-specific PCR assays. Precision fluorescent signal generation with consistently high performance at any reaction volume - Singleplex & x2 Multiplex.

**PACE 2.0 Genotyping Master Mix:** Improved signal to noise ratio and tighter clustering compared, plus follow reactions in real time. Developed for crude DNA samples.

**PACE OneStep RT PCR Master Mix:** Genotype directly from RNA samples. RNA Reverse transcription & cDNA PCR genotyping simultaneously in a single, one step reaction.

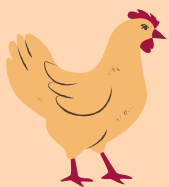
**ProbeSure™ Genotyping Master Mix:** Hydrolysis probe master mix for use with 5' nuclease assays such as TaqMan™, BHQ®, BHQplus® & Zen™ probes. Accurate, robust performance at competitive prices.

### Free assay design service

Develop breeder-friendly markers rapidly from genomic variants like SNPs and InDels for use with all PACE Genotyping Master Mixes. Full- and partial assay validation also available.

## Customer Case Studies

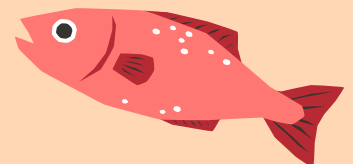
*"Follow the QR code to read these three case studies and more on our website"*



*Investigating chicken immune responses with PACE genotyping for improved animal health and sustainability.*



*A reverse genetic screen method to investigate lamb mortality in French Dairy Sheep*



*Early, rapid, sex-linked markers for Colossoma macropomum, the Amazon Tambaqui.*

