

# RAT IDENTIFICATION

Validate your in house rat strains, ensuring consistency with established reference strains and/or select your preferential animal for breeding.



## What is the Rat ID panel?

The Rat ID panel is a panel of 47 SNPs that can be used to genetically distinguish common rat strains.

## Common strains covered

ACI	E3	LAA	NAR	SHR	WF
BB	F344	LE	NE	SHRSP	WIAR
BD	FHH	LEA	NER	SPRD	Wild1
BH	FXLE	LEC	OM	SR	WKA
BN	GAERS	LEJ	PAR	SS	WKAH
BS	GH	LEW	PVG.1AV1	T2DN	WKY
BUF	GK	LEXF	PVG	THE	WKYO
BXH	HAA	LH	PXO	TLE	WN
CDR	HTX	LN	RCS	TM	WNA
CDS	HWY	LOU	RICO	TO	WOKW
COP	HXB	LUDW	SBH	TRM	WTC
DA	IS	MES	SBN	TRMR	ZI
DMY	KDP	MHS	SER	W	
DON	KHR	MNS	SHHF	WAG	
DRH	KND	MWF	SHR.BN10	WBN	

## Applications

- Breeding selection
- Validation of strains

## Service Access

### Submission format

- Minimum sample submission is 24 samples
- Use 96 v well plates

### DNA requirement

- 200ng concentration at 20ng/ul
- A260/A280 between 1.6-2.0
- Our DNA extraction service is available

## Data Delivery

Results are reported as an Excel spreadsheet of genotypes.



## Our funding partners

AGRIF is a not-for-profit organisation supported by the Commonwealth Government infrastructure schemes administered through Bioplatforms Australia.

These schemes include NCRIS, EIF, Super Science Initiative CRIS and NCRIS 2

