

# Genotyping protocol

## General information:

Strain name	Dusp1 <sup>tm1Bv</sup>
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## Primers:

Name	Sequence	Primer type
Dusp1_F	CCTGGCACAATCCTCCTAGAC	please select one
Dusp1_WT-R	GAGGATATGAAGCGTTTTCGG	please select one
Dusp1_KO-R	CCAGCTCATTCTCCACTCATG	please select one

In case more than two primers are introduced, please indicate how they should be combined:

	Forward primer	Reverse primer
e.g. wt	Dusp1_F	Dusp1_WT-R
e.g. mut	Dusp1_F	Dusp1_KO-R

## Reaction mix:

REExtract-N-Amp PCR Reaction Mix	10	μl
Primer F (0,1ug/ul)	1	μl
Primer R (0,1ug/ul)	1	μl
Water	4	μl
ADNg	4	μl
Final volume	20	μl

## PCR program:

94 °C	5 min	X 30
94 °C	1 min	
50 °C	1 min	
72 °C	1 min	
72 °C	7 min	

## Expected fragment size:

wt	between 200-300 bp
mutant	between 300-400 bp

## Comments/Additonal information:

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