

# genotyping

Tuesday, February 16, 2021 5:42 PM

Lysis buffer	50mM NaOH
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## Protocol:

- 300ul/sample
- Incubate 95 degree for 30 minutes
- Neutralize with 50ul 1M Tris-Hcl(PH 8.0)

## PCR Mixture:

Component	x1	
Mouse tail genomic DNA	2	µl
Forward primer (10 µM)	2	µl
Reverse primer (10 µM)	2	µl
dNTPs (2.5 mM)	6	µl
5X LongAmp Taq Reaction	10	µl
LongAmp Taq DNA Polymerase	2	µl
ddH <sub>2</sub> O	26	µl
<b>Total</b>	<b>50</b>	<b>µl</b>

Or use the 2\* PCR Mixture:

Primers mix	0.4uM 8ul (4ul each to 1000ul)
Genomic DNA	2ul
PCR mix	10ul

