

## PCR BASED MOUSE GENOTYPING

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Sigma's REExtract-N-Amp™ Tissue PCR kit provides all the necessary reagents to extract and amplify genomic DNA in as little as 20 minutes. DNA can be extracted from mouse tails, other animal tissues, buccal swabs, hair shaft and saliva using the Extract-N-Amp™ technology. The kit also includes a specially formulated hot start PCR reaction mix for direct amplification from the extract. PCR products are then analyzed in agarose gels and data obtained are emailed to the user.

### **Sample requirements for Mouse genotyping:**

JUST ONE PIECE OF mouse ear should be brought in 1.5 ml eppendorf tubes properly labelled with animal identification. Tubes should be kept on ice.

50 µl of 100 µM PCR oligos should be provided. Please keep oligos on ice.

Information concerning oligonucleotides sequences, PCR conditions (if known), PCR fragments size... is requested. Please provide control samples for the different expected genotypes.

Order number for IIBm users is compulsory. Order number can be purchased through the Lab Store Department web page (look for Genomics Services).

For further information please contact: [genomica@iib.uam.es](mailto:genomica@iib.uam.es).