



**EMMA**  
mouse repository



**INFRAFRONTIER**  
mouse disease models

**CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node**

**GENOTYPING PROTOCOL**

EMMA ID number	<b>EM:05333</b>
Mouse mutant strain	<b>STOCK Mlanatm1.1Bee/Cnbc</b>
Gene/Locus affected	<b>Mlana</b>
MGI ID number	<b>MGI:108454</b>
Mouse strain common name	<b>MlanaloxP</b>
Owner/Provider of this mouse strain	<b>Friedrich Beermann</b>
DNA primers	MKO-5' -F: 5' -ATCAAGCTGAAGGCCAGAGA-3' MKO-3' -F: 5' -CGAAGTGGATACAGAACCTTGA-3' MKO-3' -R: 5' -CACCCAGACTGACAAGCTGA -3'
PCR conditions	Program: 2'94°;27x(15"95°,20"62°,20"72°);2'72° PCR product: WT 234 bp, Floxed 461 bp, KO 639 bp
Source of genotyping information	<b>Provider or PubMed ID: 21943097</b>
Comments	<b>Comments</b>