



CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:05253
Mouse mutant strain	B6.129S(C)-Col4a3bptm1.1Jsau/Cnbc
Gene/Locus affected	Col4a3bp
MGI ID number	MGI:1915268
Mouse strain common name	B6-GPBP-1 -/-
Owner/Provider of this mouse strain	Juan Saus
DNA primers for wild-type allele	ON-LOX71F: 5' -CTCTTCTCAGGAATTTAGGTAGGAAGGG-3' ONLOX71R: 5' -GCAGCAAGTGCTGGACTCCACGCACC-3'
PCR conditions for wild-type allele	Program: 5'94°;32x(30"94°,30"62°,1'72°);10'72° PCR product: no band
DNA primers for mutant allele	ON-LOX71F: 5' -CTCTTCTCAGGAATTTAGGTAGGAAGGG-3' ON KO E11R: 5' -TACTATAATCCCAGTGAAGGGTCAGG-3'
PCR conditions for mutant allele	Program: 5'94°;32x(30"94°,30"62°,1'72°);10'72° PCR product: 300bp
Source of genotyping information	Provider or PubMed ID 10212244, 11007769, 17916599
Comments	Comments