



EMMA
mouse repository



INFRAFRONTIER
mouse disease models

CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:06368
Mouse mutant strain	B6.129P2-Lcn2tm1Mak/Cnbc
Gene/Locus affected	Lcn2
MGI ID number	MGI: 96757
Mouse strain common name	Lcn 2 C57Bl 6
Owner/Provider of this mouse strain	Tak W Mak
DNA primers for wild-type allele	24p3-WT-S: 5' -GGTTTGGTGGCAGGCTATTA 24p3-WT-AS: 5' -CAGAGTGGCTTTCCCCATAA-3'
PCR conditions for wild-type allele	Program: 10'95°;30x(30"95°,30"60°,45"72°);10'72° PCR product: 283 bp
DNA primers for mutant allele	24p3-Mut-S: 5' -TGCTCCTGCCGAGAAAGTAT-3' 24p3-Mut-AS: 5' -CTCTTCCCTCCAGCACAC-3'
PCR conditions for mutant allele	Program: 10'95°;30x(30"95°,30"60°,45"72°);10'72° PCR product: 283 bp
Source of genotyping information	Provider or PubMed ID: 16446425, 20133630
Comments	Comments