



EMMA
mouse repository



INFRAFRONTIER
mouse disease models

CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:04481
Mouse mutant strain	129-Gstz1tm1Jmfc/Cnbc
Gene/Locus affected	Gstz1
MGI ID number	MGI: 1341859
Mouse strain common name	MAAI/GSTZ deficient
Owner/Provider of this mouse strain	Jose Manuel Fernandez-Canon
DNA primers for wild-type allele	MAIM27: 5' -CCAGAGCATCCCAGCCAATGCG-3' MAIM3: 5' -GGAGCTAAGTCCTCAGCTCGG-3'
PCR conditions for wild-type allele	Program: 3'95°;35x(20''95°,30''62°,20''72°);10'72° PCR product: 289 bp
DNA primers for mutant allele	MAIM3: 5' -GGAGCTAAGTCCTCAGCTCGG-3' BGHPA: 5' -GGAAGGTGCCACTCCCCTGTCC-3'
PCR conditions for mutant allele	Program: 3'95°;35x(20''95°,30''62°,20''72°);10'72° PCR product: 220 bp
Source of genotyping information	Provider or PubMed ID: 12052898
Comments	Comments