



EMMA
mouse repository



INFRAFRONTIER
mouse disease models

CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:05563
Mouse mutant strain	B6;129P2-Tiam1tm1Jgc/Cnbc
Gene/Locus affected	Tiam1
MGI ID number	MGI:2183309
Mouse strain common name	C57BL/6-Tiam1 KO
Owner/Provider of this mouse strain	John Collard
DNA primers for wild-type allele	Tiam KO4: 5' - TCTGAGAGTGAGAATTCC -3' Tiam KO1P: 5' - CATGGAGCAGATAAAAAGGGC -3'
PCR conditions for wild-type allele	Program: 3'94°;31x(30"94°,30"51°,90"72°);5'68° PCR product: WT 1kb
DNA primers for mutant allele	LacZ_For: 5' - AATGGTCTGCTGCTGCTGAACG-3' LacZ_Rev: 5' - GGCTTCATCCACCACATACAGG-3'
PCR conditions for mutant allele	Program: 5'94°;35x(30"94°,30"67°,45"72°);7'72° PCR product: 225bp
Source of genotyping information	
Comments	