



EMMA
mouse repository



INFRAFRONTIER
mouse disease models

CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:05012
Mouse mutant strain	CBACa;129P2-Kctd10Gt(RRG305)Byg/WtsiCnbc
Gene/Locus affected	Kctd10
MGI ID number	MGI:2141207
Mouse strain common name	Kctd10 genetrapp
Owner/Provider of this mouse strain	Karen Steel
DNA primers for wild-type allele	Kct10-F: 5'-GGTGTACCCTTGCCTGAGAG-3' Kct10-WT-R: 5'-CGCCTGGAGGACTCCTTAAC-3'
PCR conditions for wild-type allele	Program: 5'94°;35x(30''94°,30''59°,45''72°);10'72° PCR product: 567 bp
DNA primers for mutant allele	Kct10-F: 5'-GGTGTACCCTTGCCTGAGAG-3' Kct10-MUT-R: 5'-AAGCGGAAGAGGCTGGAG-3'
PCR conditions for mutant allele	Program: 5'94°;35x(30''94°,30''59°,45''72°);10'72° PCR product: 387 bp
Source of genotyping information	
Comments	Comments