



EMMA
mouse repository



INFRAFRONTIER
mouse disease models

CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:06004
Mouse mutant strain	STOCK Tg(CAMK2A-KCNIP3*,-lacZ)1Cnbc/Cnbc
Gene/Locus affected	Tg(CAMK2A-KCNIP3*,-lacZ)1Cnbc
MGI ID number	MGI:5646261
Mouse strain common name	B6CBA-Tg(hCaMKIIalpha-hEFmDREAM-IRES-lacZ)JN1Cnbc
Owner/Provider of this mouse strain	Jose Ramon Naranjo
DNA primers for mutant allele	forward 5'-TTGCAGTGCACGGCAGATACACTTGCTGA-3' reverse 5'-CCACTGGTGTGGGCCATAATTCAATTCGC-3'
PCR conditions for mutant allele	Program: 5'94°;35x(30"94°,30"58°,45"72°);10'72° PCR product: 326 bp
Source of genotyping information	Provider or PubMed ID: 16306395, 21167062
Comments	Comments