



EMMA
mouse repository



INFRAFRONTIER
mouse disease models

CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:06201
Mouse mutant strain	B6.Cg-Tg(Gfap-tTA)7Igtg Tg(tetO-Ppp3ca*)5Igtg/Cnbc
Gene/Locus affected	Tg(Gfap-tTA)7Igtg, Tg(tetO-Ppp3ca*)5Igtg
MGI ID number	MGI: 5645758, 5645759
Mouse strain common name	AIC (astrocyte inducible calcineurin)
Owner/Provider of this mouse strain	Ana M. Fernandez
DNA primers for GFAP-tTA transgen	GFAP-1: 5' -AATTTATGGACTAAGCTGTTC-3' GFAP-2: 5' -GATGACTTAGTAAAGCACATC-3'
PCR conditions for GFAP-tTA transgen	Program: 10'95°;35x(30"94°,30"54°,40"72°);10'72° PCR product: 540 bp
DNA primers for TRE-CnA transgen	CnA-1: 5' -TCTGCTCCGACGATGAACTG-3' CnA-2: 5' -GGTCCGCCAGACGACGAGG-3'
PCR conditions for TRE-CnA transgen	Program: 10'95°;40x(30"94°,30"60°,40"72°);10'72° PCR product: 390 bp
Source of genotyping information	Provider or PubMed ID: 17699657
Comments	Comments