



EMMA
mouse repository



INFRAFRONTIER
mouse disease models

CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:05209
Mouse mutant strain	C.129P2-Arg1tm1Eko^c/Cnbc
Gene/Locus affected	Arg1
MGI ID number	MGI:88070
Mouse strain common name	Arg1 flox/flox Balb/c
Owner/Provider of this mouse strain	Wouter Lamers
DNA primers for test 1	cat1 flp: 5'-TCTAGAACTAGTGGATCACCTCAG-3' arg es 7: 5'-AGCTCCTCCATAGACCTTAG-3'
PCR conditions for test 1	Program: 4'94°;30x(30"94°,30"55°,30"72°);10'72° PCR product: WT no band, Flox 180 bp, Cre no band
DNA primers for test 2	cat1 flp: 5'-TCTAGAACTAGTGGATCACCTCAG-3' REV 20155: 5'-GTGCCTTGGTCTACATTGAACATAC-3'
PCR conditions for test 2	Program: 4'94°;30x(30"94°,30"55°,30"72°);10'72° PCR product: WT no band, Flox 905 bp, Cre no band
DNA primers for test 3	For 19771: 5'-GGAGAGCCTTCCTGCACTTT-3' REV 20155: 5'-GTGCCTTGGTCTACATTGAACATAC-3'
PCR conditions for test 3	Program: 4'94°;30x(30"94°,30"55°,30"72°);10'72° PCR product: WT 351pb, Flox 384 bp, Cre no band
Source of genotyping information	
Comments	Comments