



EMMA
mouse repository



INFRAFRONTIER
mouse disease models

CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:10411
Mouse mutant strain	C57BL/6N-Arid1btm1a(EUCOMM)Hmgu/Cnbc
Gene/Locus affected	Arid1b
MGI ID number	MGI:4435087
Mouse strain common name	C57BL/6N-Arid1btm1a(EUCOMM)Hmgu/Cnbc
Owner/Provider of this mouse strain	Pedro Medina
DNA primers for Floxed allele	FW CSD LOX P: 5'-GAGATGGCGCAACGCAATTAATG-3' RV ARID1B 3 ARM: 5'-CACTTTGGACTGTAGTTGGGC-3'
PCR conditions for Floxed allele	Program: 5'95°;35x(1'95°,30"58°,30"72°);10'72° PCR product: 173 bp
DNA primers for PreCre allele	FW CSD NEO: 5'-GGGATCTCATGCTGGAGTTCCTCG-3' RV ARID1B ttr: 5'-GTCATAAGGAAATTCAGCTGGG-3'
PCR conditions for PreCre allele	Program: 2'95°;35x(1'95°,30"58°,1'72°);10'72° PCR product: 586 bp
Source of genotyping information	
Comments	Comments