



CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:06160
Mouse mutant strain	B6.129S2-Artm1Fcl/Cnbc
Gene/Locus affected	Ar
MGI ID number	MGI:88064
Mouse strain common name	SPARKI (SPecificity-affecting AR KnockIn)
Owner/Provider of this mouse strain	Frank Claessens
DNA primers for wild-type allele	AR-primer 1: 5'-TAATCAACTTGTTTGGGGCC-3' AR-primer 2: 5'-GCTTCATAACATTTCCGGAGAC-3'
PCR conditions for wild-type allele	Program: 2'94°;30x(30"94°,30"59°,45"72°);10'72° PCR product: 232 bp
DNA primers for mutant allele	AR-primer 1: 5'-TAATCAACTTGTTTGGGGCC-3' AR-primer 3: 5'-GCTTGAAGACATTTTCGATAGC-3'
PCR conditions for mutant allele	Program: 2'94°;30x(30"94°,30"59°,45"72°);10'72° PCR product: 232 bp
Source of genotyping information	Provider or PubMed ID: 17360365, 22798427
Comments	Comments