



CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:06221
Mouse mutant strain	STOCK Atrtm1Ofc/Cnbc
Gene/Locus affected	Atr
MGI ID number	MGI:108028
Mouse strain common name	Atrtm1Ofc
Owner/Provider of this mouse strain	Oskar Fernandez-Capetillo
DNA primers for wild-type allele	5' In 7-8: 5' -CACTGGCCTCACAGACTTCAGCATG-3' 3' E8: 5' -GGAATAAAATCCATGGAAGTGAGAGCAT-3'
PCR conditions for wild-type allele	Program: 1'94°;35x(30"94°,30"60°,30"72°);10'72° PCR product: 330 bp
DNA primers for mutant allele	3' E8: 5' -GGAATAAAATCCATGGAAGTGAGAGCAT-3' NeoF_2B1: 5' -TGACCGCTTCCTCGTGCTT-3'
PCR conditions for mutant allele	Program: 1'94°;35x(30"94°,30"60°,30"72°);10'72° PCR product: KI 450 bp
Source of genotyping information	Provider or PubMed ID: 19620979, 2021 2315, 21522133, 22133876, 22370720
Comments	Comments