



CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:06220
Mouse mutant strain	STOCK Atrtm2Ofc/Cnbc
Gene/Locus affected	Atr
MGI ID number	MGI:108028
Mouse strain common name	Atrtm2Ofc
Owner/Provider of this mouse strain	Oskar Fernandez-Capetillo
DNA primers for wild-type allele	5In_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: 450-500 bp
Source of genotyping information	Provider or PubMed ID: 19620979
Comments	Comments