



CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:06840
Mouse mutant strain	B6;129S2-Cdk7Gt(D032B11)Wrst/Cnbc
Gene/Locus affected	Cdk7
MGI ID number	MGI: 102956
Mouse strain common name	Cdk7Gt(D032B11)Wrst; Cdk7loxfrt; Cdk7_KO
Owner/Provider of this mouse strain	Mariano Barbacid
DNA primers for wild-type allele	ExN: 5' -GTTCCCTTACCCCATCATCTGTCAC-3' Ex12RC: 5' -GTTGCCAGGGGAATAAAGG-3'
PCR conditions for wild-type allele	Program: 2'94°;35x(1'94°,30"60°,30"72°);10'72° PCR product: 310 bp
DNA primers for Cdk7loxfrt allele	IntL: 5' -GGAGACTCTTGCAAAAAC TAACCCACCTC-3' B40: 5' -GGGTCGATGGTGATGCTTGCAATTC-3'
PCR conditions for Cdk7loxfrt allele	Program: 2'94°;35x(1'94°,30"60°,30"72°);10'72° PCR product: 650 bp
DNA primers for Cdk7lox allele	ExN: 5' -GTTCCCTTACCCCATCATCTGTCAC-3' B48: 5' -TCCCACTGTCCTTTCCTAATAA-3'
PCR conditions for Cdk7lox allele	Program: 2'94°;35x(1'94°,30"60°,30"72°);10'72° PCR product: 852 bp
Source of genotyping information	Provider or PubMed ID: 12904583, 22505032
Comments	Comments