



**CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node**

**GENOTYPING PROTOCOL**

EMMA ID number	<b>EM:06841</b>
Mouse mutant strain	<b>STOCK Cdk7Gt(D032B11)1.1Wrst/Cnbc</b>
Gene/Locus affected	<b>Cdk7</b>
MGI ID number	<b>MGI: 102956</b>
Mouse strain common name	<b>Cdk7Gt(D032B11)1.1Wrst, Cdk7lox</b>
Owner/Provider of this mouse strain	<b>Mariano Barbacid</b>
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	<b>Provider or PubMed ID: 12904583, 22505032</b>
Comments	<b>Comments</b>