



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

**GENOTYPING PROTOCOL**

EMMA ID number	<b>EM:06370</b>
Mouse mutant strain	<b>B6.129P2-Casp3tm1Mak/Cnbc</b>
Gene/Locus affected	<b>Casp3</b>
MGI ID number	<b>MGI: 107739</b>
Mouse strain common name	<b>Caspase 3</b>
Owner/Provider of this mouse strain	<b>Tak W Mak</b>
DNA primers for wild-type allele	Primer 1: 5'-CCATACATGGGAGCAAGTCAG-3' Primer 2: 5'-CCTCAGGTGCCAGTCATCCAT-3'
PCR conditions for wild-type allele	Program: 15'95°;40x(30"94°,30"59°,1'72°);10'72° PCR product: ~ 660 bp
DNA primers for mutant allele	Primer 1: 5'-TCTATTTGTTTCAGTGTGGAT-3' Primer 2: 5'-TCATTCTCAGTATTGTTTTGC-3'
PCR conditions for mutant allele	Program: 15'95°;40x(30"94°,30"59°,1'72°);10'72° PCR product: ~ 1 kb
Source of genotyping information	<b>Provider or PubMed ID: 9512515, 21110320</b>
Comments	<b>Comments</b>