



CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

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|-------------------------------------|---|
| EMMA ID number | EM:06380 |
| Mouse mutant strain | B6.129P2-Chek2tm1Mak/Cnbc |
| Gene/Locus affected | Chek2 |
| MGI ID number | MGI: 1355321 |
| Mouse strain common name | Chk2 |
| Owner/Provider of this mouse strain | Tak W Mak |
| DNA primers for wild-type allele | WT Primer: 5'-GTGTGCGCCACCACTATCCTG-3' WT Primer: 5'-CCCTGGCCATGTTTCATCTG-3' |
| PCR conditions for wild-type allele | Program: 15''95°;35x(1'94°,1'55°,1'72°);10'72° PCR product: ~ 500 bp |
| DNA primers for mutant allele | Mutant Primer: 5'-CAGGAGGTGGTGGCTTACTTTA-3' Mutant Primer: 5'-CAAATTAAGGCCAGCTCATTC-3' |
| PCR conditions for mutant allele | Program: 15''95°;35x(1'94°,1'60°,1'72°);10'72° PCR product: ~ 900 bp |
| Source of genotyping information | Provider or PubMed ID: 12192050, 21625617, 17360434 |
| Comments | Comments |