



CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:06739
Mouse mutant strain	B6.129P2-Irak4tm1Yeh/Cnbc
Gene/Locus affected	Irak4
MGI ID number	MGI: 2182474
Mouse strain common name	Irak 4
Owner/Provider of this mouse strain	Tak W Mak
DNA primers for wild-type allele	Common: 5' -GAACACGCTCCCAGGTCTCTTTCCAACA-3' Mutant: 5' -TGAATGGAAGGATTGGAGCTACGGGGGT-3'
PCR conditions for wild-type allele	Program: 15'95°;40x(1'94°,1'60°,1'72°);10'72° PCR product: ~500 bp
DNA primers for mutant allele	Common: 5' -GAACACGCTCCCAGGTCTCTTTCCAACA-3' Mutant: 5' -TGAATGGAAGGATTGGAGCTACGGGGGT-3'
PCR conditions for mutant allele	Program: 15'95°;40x(1'94°,1'60°,1'72°);10'72° PCR product: ~600 bp
Source of genotyping information	Provider or PubMed ID: 11923871, 14673102
Comments	Comments