



CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:06742
Mouse mutant strain	B6.129P2-Irf4^{tm1Mak/Cnbc}
Gene/Locus affected	Irf4
MGI ID number	MGI:2387941
Mouse strain common name	Irf4
Owner/Provider of this mouse strain	Tak W Mak
DNA primers for wild-type allele	Irf4_WT1: 5' - GCAATGGGAAACTCCGACAGT -3' Irf4_WT2: 5' - CAGCGTCCTCCTCACGATTGT -3'
PCR conditions for wild-type allele	Program: 15'95°;30x(30"94°,1'61°,90"72°);10'72° PCR product: ~150bp
DNA primers for mutant allele	Irf4_Mut1: 5' - CCGGTGCCCTGAATGAACTGC -3' Irf4_Mut2: 5' - CAATATCACGGGTAGCCAACG -3'
PCR conditions for mutant allele	Program: 15'95°;30x(30"94°,1'61°,90"72°);10'72° PCR product: ~500bp
Source of genotyping information	
Comments	