



CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:04805
Mouse mutant strain	B6;129P2-Iftm3tm1Masu/Cnbc
Gene/Locus affected	Iftm3
MGI ID number	MGI:3803977
Mouse strain common name	Iftm3EGFP
Owner/Provider of this mouse strain	David Adams
DNA primers for wild-type allele	Iftm3_wt-F: 5'-GACTGCATAGCCACCGAAGATATTCC-3' Iftm3_wt-R: 5'-CCCATCTCAGCCACCTCATATTCTTCC-3'
PCR conditions for wild-type allele	Program: 5'94°;35x(30''94°,1'65°,1'72°);10'72° PCR product: 500-600 bp
DNA primers for mutant allele	Iftm3_Mut-F: 5'-GCAGAAGAACGGCATCAAGGTG-3' Iftm3_Mut-R: 5'-CCCATCTCAGCCACCTCATATTCTTCC-3'
PCR conditions for mutant allele	Program: 5'94°;35x(30''94°,1'65°,1'72°);10'72° PCR product: 400-500 bp
Source of genotyping information	Provider or PubMed ID: 18505827
Comments	Comments