



CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:05943
Mouse mutant strain	STOCK Fntbtm1Bbd/Cnbc
Gene/Locus affected	Fntb
MGI ID number	MGI:1861305
Mouse strain common name	Fntbtm1Bbd
Owner/Provider of this mouse strain	Mariano Barbacid
DNA primers for wild-type and lox allele	FntbR_5B6: 5' -CCAAGTAAAGGGAGTCAGGAGAAA-3' FntbF_15B8: 5' -AAGAGGCCTTCGACAACCTGAC-3'
PCR conditions for wild-type and lox allele	Program: 2'94°;35x(30"94°,30"60°,30"72°);10'72° PCR product: WT 200 bp, lox 450 bp
DNA primers for mutant allele	FntbF_5B4: 5' -GTGCATGGGAAGAGGCAGAGT-3' FntbR_5B6: 5' -CCAAGTAAAGGGAGTCAGGAGAAA-3'
PCR conditions for mutant allele	Program: 2'94°;30x(30"94°,30"60°,30"72°);10'72° PCR product: 360 bp
Source of genotyping information	Provider or PubMed ID: 15837621
Comments	Comments