



CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:06108
Mouse mutant strain	STOCK Fzr1tm1Mama/Cnbc
Gene/Locus affected	Fzr1
MGI ID number	MGI:1926790
Mouse strain common name	Frz1tm1Mama, Fzr1lox, Fzr1fl, Fzr1loxP
Owner/Provider of this mouse strain	Marcos Malumbres
DNA primers	Fzr1-32-F: 5' -AGCATGGTGACCGCTTCATCC-3' Fzr1-43-R: 5' - GCTGGGGGACTTCTCATTTC-3'
PCR conditions	Program: 5'95°;35x(30''95°,30''58°,45''72°);10'72° PCR product: WT 168 bp, Lox 286 bp
DNA primers	Fzr1-34-R: 5' -CCTGGTCCACAGAGGAAATTCAGG-3' Fzr1-43-R: 5' - GCTGGGGGACTTCTCATTTC-3'
PCR conditions	Program: 5'95°;35x(30''95°,30''60°,45''72°);10'72° PCR product: WT 614 bp, KO 292 bp
Source of genotyping information	Provider or PubMed ID: 21270054, 18552834,
Comments	Comments