



EMMA
mouse repository



INFRAFRONTIER
mouse disease models

CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:04020
Mouse mutant strain	C3HeB/FeJ-Jag1Mhdahtu/legWtsiCnbc
Gene/Locus affected	Jag1
MGI ID number	MGI:1095416
Mouse strain common name	Headturner, Jag1Htu
Owner/Provider of this mouse strain	Karen Steel
DNA primers for wild-type allele	Fw: 5' -GTCCACGGCACCTGCAATG-3' Rev: 5' -GTGATAATGGACTGAACCTC-3'
PCR conditions for wild-type allele	Program: 5'94°;35x(30''94°,30''60°,45''72°);10'72° PCR product: WT 240 bp,
DNA primers for mutant allele	
PCR conditions for mutant allele	
Source of genotyping information	Provider or PubMed ID: 11259677
Comments	heterozygotes produced three fragments of 240 bp, 190 bp, 50 bp, and homozygotes yielded just the 190-bp and 50-bp bands