



EMMA
mouse repository



INFRAFRONTIER
mouse disease models

CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:04841
Mouse mutant strain	B6.129-Pls1tm1Fri/Cnbc
Gene/Locus affected	Pls1
MGI ID number	MGI:104809
Mouse strain common name	Pls1 null
Owner/Provider of this mouse strain	Francisco Rivero
DNA primers for wild-type allele	Pls1/PCR: 5' -AGGGAAAGGGGAGGAATGT-3' Exn2-R: 5' -CTATTTTATTAAACGCTTCTTGTAGCTC-3'
PCR conditions for wild-type allele	Program: 5'94°;34x(30''94°,30''58°,1'72°);10'72° PCR product: ~ 600 bp
DNA primers for mutant allele	Pls1/PCR: 5' -AGGGAAAGGGGAGGAATGT-3' NeoX-F: 5' -TCAATTCTCTAGAGCTCGCTG-3'
PCR conditions for mutant allele	Program: 5'94°;34x(30''94°,30''58°,1'72°);10'72° PCR product: ~ 460 bp
Source of genotyping information	
Comments	Comments