



**CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node**

**GENOTYPING PROTOCOL**

EMMA ID number	<b>EM:05415</b>
Mouse mutant strain	<b>STOCK Prnptm2Edin Tg(Prnp-PRNP)110Jmto/Cnbc</b>
Gene/Locus affected	<b>Tg(Prnp-PRNP)110Jmto, Prnp</b>
MGI ID number	<b>MGI: 5476799, 97769</b>
Mouse strain common name	<b>Prnp tm2Edin tg(moPrnp BoPrP)110 Jmto</b>
Owner/Provider of this mouse strain	<b>Juan Maria Torres</b>
DNA primers for murine PrP allele	mPrP Up: 5'-ATGGCGAACCTTGGCTACTGGC-3' mPrP Down: 5'-GATTATGGGTACCCCCCTCCTTGG-3'
PCR conditions for murine PrP allele	Program: 5'95°;30x(30''95°,30''60°,1'72°);10'72° PCR product: absence 288 bp
DNA primers for MoPrP allele	MoPrP.XhoBovine: 5'-CCAGCCTCCACCACCATGTGGC-3' 001-Jmto-F: 5'-CATTCTGCCTTCCTAGTGGTAGTACC-3'
PCR conditions for MoPrp allele	Program: 5'95°;30x(30''95°,30''60°,1'72°);10'72° PCR product: 315 bp
Source of genotyping information	<b>Provider or PubMed ID: 12664293, 14999066, 15956610, 17079295</b>
Comments	<b>Comments</b>