



EMMA
mouse repository



INFRAFRONTIER
mouse disease models

CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:06086
Mouse mutant strain	B6N.129S7-Gpr143tm1Inc/Cnbc
Gene/Locus affected	Gpr143
MGI ID number	OMIM ID: 300500
Mouse strain common name	B6N.129-Gpr143tm1Inc
Owner/Provider of this mouse strain	Enrico Maria Surace
DNA primers for endogenous OA1 gene	Oa1_Fw: 5'-ACATGACGCCCAATCTCCCTC-3' Oa1_Rv: 5'-TAGACTACCCTCTGAGTCCAG-3'
PCR conditions for endogenous OA1 gene	Program: 6'94°;35x(30''95°,30''54°,45''72°);10'72° PCR product: 500 bp
DNA primers for HPRT (KO allele)	HPRTex3_Fw: 5'-TAAGTTCTTTGCTGACCTGCT-3' HPRTex9_Rv: 5'-GGCTTTGTATTTGCCTTTTCC-3'
PCR conditions for HPRT (KO allele)	Program: 6'94°;35x(30''95°,30''54°,45''72°);10'72° PCR product: 400 bp
Source of genotyping information	Provider or PubMed ID: 11092754
Comments	Comments