



EMMA
mouse repository



INFRAFRONTIER
mouse disease models

CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:06054
Mouse mutant strain	Stock HsdWin:NMRI;B6CBA-Tg(Tyr)YRT3/Lmon
Gene/Locus affected	Tyr
MGI ID number	MGI:98880
Mouse strain common name	Stock HsdWin:NMRI;B6CBA-Tg(Tyr)YRT3/Lmon
Owner/Provider of this mouse strain	Lluís Montoliu
DNA primers for Leu2 (YAC arm)	FOR: 5' -ATTGATTGATTCTGCCGCCATGATCC-3' REV: 5' -CAAGATAGTGGCGATAGGGTTGACC-3'
PCR conditions for Leu2 (YAC arm)	Program: 5'94°;35x(30"94°,30"60°,45"72°);10'72° PCR product: 252 bp
DNA primers for Trp1 (YAC centromere-arm)	FOR: 5' -GCCCAATAGAAAGAGAACAATTGACC-3' REV: 5' -ACACCTCCGCTTACATCAACACC-3'
PCR conditions for Trp1 (YAC centromere-arm)	Program: 5'94°;35x(30"94°,30"65°,45"72°);10'72° PCR product: 488 bp
Source of genotyping information	Provider or PubMed ID: 8947025
Comments	Comments