



EMMA
mouse repository



INFRAFRONTIER
mouse disease models

CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:02610
Mouse mutant strain	HsdWin:NMRI-Tg(Tyr-Th,-Gch1)6775Lmon/Cnbc
Gene/Locus affected	Tg(Tyr-Th,-Gch1)6775Lmon, Tyr
MGI ID number	MGI:4443311, MGI:1855976
Mouse strain common name	TyrTH
Owner/Provider of this mouse strain	Lluís Montoliu
DNA primers for wild-type allele	
PCR conditions for wild-type allele	
DNA primers for mutant allele	TyrTH1: 5' - GCTTAGTGTAACAGGCTGAGAGTATTTG -3' TyrTH2: 5' - AAGGGAGCAGATGAGTAGGGAGGGC -3'
PCR conditions for mutant allele	Program: 4'94°;40x(30'94°,1'66°,1'72°);10'72° PCR product: 0.6Kb
Source of genotyping information	
Comments	