



EMMA
mouse repository



INFRAFRONTIER
mouse disease models

CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:07230
Mouse mutant strain	B6.129P2-Tbk1tm1Yeh/Cnbc
Gene/Locus affected	Tbk1
MGI ID number	MGI: 1929658
Mouse strain common name	T2K
Owner/Provider of this mouse strain	Tak W Mak
DNA primers for wild-type allele	TK2_WT: 5'-TTCTCATTGTCTTACGAGATGTGG-3' TK2_Common: 5'-CCTGCAGTAGGTCTCTAACGCTGTT-3'
PCR conditions for wild-type allele	Program: 15'95°;35x(45"94°,45"60°,1'30"72°);10'72° PCR product: ≈ 250 bp
DNA primers for mutant allele	TK2_Mut: 5'-AGAGGCCACTTGTGTAGCGCCAAGTGCC-3' TK2_Common: 5'-CCTGCAGTAGGTCTCTAACGCTGTT-3'
PCR conditions for mutant allele	Program: 15'95°;35x(45"94°,45"60°,1'30"72°);10'72° PCR product: ≈ 200 bp
Source of genotyping information	Provider or PubMed ID: 10990461
Comments	Comments