



CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:07223
Mouse mutant strain	B6.129P2-Cd34tm1Szk/Cnbc
Gene/Locus affected	Cd34
MGI ID number	MGI: 88329
Mouse strain common name	CD34
Owner/Provider of this mouse strain	Tak W Mak
DNA primers for wild-type allele	CD34-Com: 5' -CCTCTAGACCTAGGCTTCTTCCCACCAC-3' CD34-WT: 5' -GTTGGGAAGAAAAGAGGCTGCAC-3'
PCR conditions for wild-type allele	Program: 15'95°;45x(1'94°,1'62°,1'30"72°);10'72° PCR product: ≈ 600 bp
DNA primers for mutant allele	CD34-Com: 5' -CCTCTAGACCTAGGCTTCTTCCCACCAC-3' CD34-Mut: 5' -AGAACCTGCGTGCAATCCATC-3'
PCR conditions for mutant allele	Program: 15'95°;45x(1'94°,1'62°,1'30"72°);10'72° PCR product: ≈ 800 bp
Source of genotyping information	Provider or PubMed ID: 8611677
Comments	Comments