



**CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node**

**GENOTYPING PROTOCOL**

EMMA ID number	<b>EM:07243</b>
Mouse mutant strain	<b>B6.129P2-Pecam1tm1Mak/Cnbc</b>
Gene/Locus affected	<b>Pecam1</b>
MGI ID number	<b>MGI: 97537</b>
Mouse strain common name	<b>CD31/Pecam1</b>
Owner/Provider of this mouse strain	<b>Tak W Mak</b>
DNA primers for wild-type allele	CD31_WT: 5'-ATTATCCGCTCTGCACCTGGTATTC-3' CD31_Common: 5'-AGGTAAGGACCTACAGGTGTGTTC-3'
PCR conditions for wild-type allele	Program: 15'95°;30x(1'94°,1'63°,1'72°);10'72° PCR product: ≈ 1 kb
DNA primers for mutant allele	CD31_Common: 5'-AGGTAAGGACCTACAGGTGTGTTC-3' CD31_Mut: 5'-CCTCGTGCTTTACGGTATCGCCGC-3'
PCR conditions for mutant allele	Program: 15'95°;30x(1'94°,1'63°,1'72°);10'72° PCR product: ≈ 1 kb
Source of genotyping information	<b>Provider or PubMed ID: 21049064, 10072554</b>
Comments	<b>Comments</b>