



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

**GENOTYPING PROTOCOL**

EMMA ID number	<b>EM:06743</b>
Mouse mutant strain	<b>B6.129P2-Cd44tm1Mak/Cnbc</b>
Gene/Locus affected	<b>Cd44</b>
MGI ID number	<b>MGI: 88338</b>
Mouse strain common name	<b>CD44</b>
Owner/Provider of this mouse strain	<b>Tak W Mak</b>
DNA primers for wild-type allele	CommonPrimer: 5'-TTGAATGTAACCTGCCGCTACGCA-3' WT Primer: 5'-GGCCAACCTTCATTTGGTCCATGGT-3'
PCR conditions for wild-type allele	Program: 15'95°;35x(1'94°;30''64°;2'72°);10'72° PCR product: ~ 135 bp
DNA primers for mutant allele	CommonPrimer: 5'-TTGAATGTAACCTGCCGCTACGCA-3' MutantPrimer: 5'-TATCAGGACATAGCGTTGGCTACCC-3'
PCR conditions for mutant allele	Program: 15'95°;35x(1'94°;30''64°;2'72°);10'72° PCR product: ~ 300 bp
Source of genotyping information	<b>Provider or PubMed ID: 9310473, 11956084</b>
Comments	<b>Comments</b>