



**EMMA**  
mouse repository



**INFRAFRONTIER**  
mouse disease models

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

**GENOTYPING PROTOCOL**

EMMA ID number	<b>EM:05047</b>
Mouse mutant strain	<b>C3HeB/FeJ-Atp2b2Obv/legWtsiCnbc</b>
Gene/Locus affected	<b>Atp2b2</b>
MGI ID number	<b>MGI:105368</b>
Mouse strain common name	<b>Oblivion</b>
Owner/Provider of this mouse strain	<b>Karen Steel</b>
DNA primers for wild-type allele	EX15F2: 5' -TTCTCCCTGCCACTGTCGTAG-3' Ob1RTR3: 5' -GGTGGCTCTGTGGCCAGGGCCAAG-3'
PCR conditions for wild-type allele	Program: 1'94°;35x(30"95°,30"60°,30"72°);10'72° PCR product: bp
DNA primers for mutant allele	
PCR conditions for mutant allele	
Source of genotyping information	<b>Provider or PubMed ID: 15353999, 18974863</b>
Comments	After PCR, restrict with Styl enzyme overnight and DNA containing the mutant sequence at Atp2b2 locus will remain approximately 110bp in size, whereas wild-type DNA will be smaller in size (90bp)