



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

**GENOTYPING PROTOCOL**

EMMA ID number	<b>EM:07229</b>
Mouse mutant strain	<b>B6.129P2-Trim3tm1Mak/Cnbc</b>
Gene/Locus affected	<b>Trim3</b>
MGI ID number	<b>MGI: 1860040</b>
Mouse strain common name	<b>Berp (Trim3tm1Mak</b>
Owner/Provider of this mouse strain	<b>Tak W Mak</b>
DNA primers for wild-type allele	Berp_WT: 5'-CCTGCTTCTCTCACTGTCACCACC-3' Berp_Common: 5'-CACCTTCTCCCTTCCACGACTAC-3'
PCR conditions for wild-type allele	Program: 15'94°;40x(30''94°,30''58°,1'72°);10'72° PCR product: 632 bp
DNA primers for mutant allele	Berp_Common: 5'-CACCTTCTCCCTTCCACGACTAC-3' Berp_Mut: 5'-CAGTCATAGCCGAATAGCCTCTCC-3'
PCR conditions for mutant allele	Program: 15'94°;40x(30''94°,30''58°,1'72°);10'72° PCR product: 1155 bp
Source of genotyping information	<b>Provider or PubMed ID: 20543135</b>
Comments	<b>Comments</b>