



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

**GENOTYPING PROTOCOL**

EMMA ID number	<b>EM:05946</b>
Mouse mutant strain	<b>B6.Cg-Polr2atm1(cre/ERT2)Bbd/Cnbc</b>
Gene/Locus affected	<b>Polr2a</b>
MGI ID number	<b>MGI:98086</b>
Mouse strain common name	<b>Polr2atm1(cre/ERT2)Bbd</b>
Owner/Provider of this mouse strain	<b>Mariano Barbacid</b>
DNA primers for wild-type allele	Polr2aF_14B5: 5'-CCAGATGACAGCGATGAGGA-3' Polr2aR_10B6: 5'-CCTCTCTGAGCCTCAATTAAGCAG-3'
PCR conditions for wild-type allele	Program: 1'94°;30x(30"94°,30"60°,30"72°);10'72° PCR product: 200 bp
DNA primers for CreERT2 allele	Polr2aR_10B6: 5'-CCTCTCTGAGCCTCAATTAAGCAG-3' ESR1f_10B7: 5'-TGAGTAACAAAGGCATGGAGCA-3'
PCR conditions for CreERT2 allele	Program: 1'94°;30x(30"94°,30"60°,30"72°);10'72° PCR product: 360 bp
Source of genotyping information	<b>Provider or PubMed ID: 19383288, 15837621, 12957286, 17468755, 21514245, 21088222</b>
Comments	<b>Comments</b>