



**EMMA**  
mouse repository



**INFRAFRONTIER**  
mouse disease models

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

**GENOTYPING PROTOCOL**

EMMA ID number	<b>EM:06747</b>
Mouse mutant strain	<b>B6.129P2-Brca2tm2Mak/Cnbc</b>
Gene/Locus affected	<b>Brca2</b>
MGI ID number	<b>MGI:2429691</b>
Mouse strain common name	<b>Brca2</b>
Owner/Provider of this mouse strain	<b>Tak W Mak</b>
DNA primers for wild-type allele	
PCR conditions for wild-type allele	
DNA primers for mutant allele	BrCa2_Fw: 5' - TTCTTGCTGGTTTTTGTTC -3' BrCa2_Rev: 5' - GCTAAATTTAATTGTTTACAGCC -3'
PCR conditions for mutant allele	Program: 5'94°;40x(1'94°,1'62°,1'72°);10'72° PCR product: WT ~900bp, flox ~850bp
Source of genotyping information	
Comments	