



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

**GENOTYPING PROTOCOL**

EMMA ID number	<b>EM:05944</b>
Mouse mutant strain	<b>STOCK Braftm1Bbd/Cnbc</b>
Gene/Locus affected	<b>Braf</b>
MGI ID number	<b>MGI:88190</b>
Mouse strain common name	<b>Braftm1Bbd</b>
Owner/Provider of this mouse strain	<b>Mariano Barbacid</b>
DNA primers for wild-type allele	BrafF_18B6: 5' -CAGGCCTGGGACAGCTTAAA-3' BrafR_18B7: 5' -CTGTGGCTAGACCAAAGTCACCTA-3'
PCR conditions for wild-type allele	Program: 2'94°;30x(30"94°,30"60°,30"72°);10'72° PCR product: 290 bp
DNA primers for mutant allele	BrafR_18B7: 5' -CTGTGGCTAGACCAAAGTCACCTA-3' Stop_13B3: 5' -TCAGCCATACCACATTTGTAGAGG-3'
PCR conditions for mutant allele	Program: 2'94°;30x(30"94°,30"60°,30"72°);10'72° PCR product: 530 bp
Source of genotyping information	<b>Provider or PubMed ID: 21383153</b>
Comments	<b>Comments</b>