



**EMMA**  
mouse repository



**INFRAFRONTIER**  
mouse disease models

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

**GENOTYPING PROTOCOL**

EMMA ID number	<b>EM:06226</b>
Mouse mutant strain	<b>B6N.129-Rasa1tm1Wid/Cnbc</b>
Gene/Locus affected	<b>Rasa1</b>
MGI ID number	<b>MGI:97860</b>
Mouse strain common name	<b>C57BL/6N-Rasa1tm(delta)D455AWid</b>
Owner/Provider of this mouse strain	<b>Christian Widmann</b>
DNA primers	Fw (#938) : 5' -GATTGGGGAGTTTTGGATAG-3' Rev#1 (#941) : 5' -GAGCATCACTGCCTTCTAAG-3' Rev#2 (#940) : 5' -GCTTCTGAGCGGAAAGAAC-3'
PCR conditions	Program: 2'94°;10x(30''94°,30''54° to 49°,75''72°); 25x(30''94°,30''52°,75''72°);10'72°
Source of genotyping information	<b>Provider or PubMed ID: 22949508</b>
Comments	Wild-type allele: 1038 base pairs; Knock-in allele (not floxed): 670 base pairs and 2693 base pairs (the latter fragment being generally poorly or not amplified); Knock-in allele (floxed): 1208 base pairs