



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

**GENOTYPING PROTOCOL**

EMMA ID number	<b>EM:06217</b>
Mouse mutant strain	<b>B6.129-Sertad1tm1Srn/Cnbc</b>
Gene/Locus affected	<b>Sertad1</b>
MGI ID number	<b>MGI:1913438</b>
Mouse strain common name	<b>Sertad1tm1Srn</b>
Owner/Provider of this mouse strain	<b>Manuel Serrano</b>
DNA primers for wild-type allele	Sertad1F_3B4: 5'-CAGCCTGAGTTACACGGGACC-3' Sertad1R_16B6: 5'-TCAGACCTTTGCTCAGCATCC-3'
PCR conditions for wild-type allele	Program: 1'94°;35x(30"94°,30"60°,30"72°);10'72° PCR product: 190 bp
DNA primers for mutant allele	Sertad1F_3B4: 5'-CAGCCTGAGTTACACGGGACC-3' pPNTf_2B5 5'-CCAGCTCATTCCTCCCACTCA-3'
PCR conditions for mutant allele	Program: 1'94°;35x(30"94°,30"60°,30"72°);10'72° PCR product: 310 bp
Source of genotyping information	<b>Provider or PubMed ID: 20090907</b>
Comments	<b>Comments</b>