



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

**GENOTYPING PROTOCOL**

EMMA ID number	<b>EM:06219</b>
Mouse mutant strain	<b>B6.Cg-Tg(Trp53)1Srn/Cnbc</b>
Gene/Locus affected	<b>Tg(Trp53)1Srn</b>
MGI ID number	<b>MGI:4948957</b>
Mouse strain common name	<b>B6.Cg-Tg(Trp53)1Srn/J</b>
Owner/Provider of this mouse strain	<b>Manuel Serrano</b>
DNA primers for wild-type allele	TshbF_14B2: 5'-CTACATGAGCAGGCAGACTGGA-3' TshbR_14B3: 5'-AATGGACGGGCTGCTTCTATC-3'
PCR conditions for wild-type allele	Program: 1'94°;35x(30"94°,30"60°,30"72°);10'72° PCR product: 650 bp
DNA primers for mutant allele	MS2r417_3B5: 5'-ACTGGCACATGGTCCTTACCC-3' BACfw_2B6: 5'-GTAAAACGACGGCCAGTGAAT-3'
PCR conditions for mutant allele	Program: 2'94°;30x(1'94°,30"63°,30"72°);10'72° PCR product: 320 bp
Source of genotyping information	<b>Provider or PubMed ID: 12426394, 21317887</b>
Comments	<b>Comments</b>