



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

**GENOTYPING PROTOCOL**

EMMA ID number	<b>EM:07235</b>
Mouse mutant strain	<b>B6.129P2-Diablo<sup>tm1Mak/Cnbc</sup></b>
Gene/Locus affected	<b>Diablo</b>
MGI ID number	<b>MGI: 1913843</b>
Mouse strain common name	<b>SMAC (Diablo<sup>tm1Mak</sup>)</b>
Owner/Provider of this mouse strain	<b>Tak W Mak</b>
DNA primers for wild-type allele	SMAC_WT: 5' -GAGACAGAAAGGTAGAGGTGC - 3' SMAC_Common: 5' -TATAGAGCCCGAATGTCAGAA - 3'
PCR conditions for wild-type allele	Program: 15'95°;35x(1'94°,1'60°,1'72°);10'72° PCR product: ≈ 600 bp
DNA primers for mutant allele	SMAC_Common: 5' -TATAGAGCCCGAATGTCAGAA - 3' SMAC_Mut: 5' -GGTGGATGTGGAATGTGTG - 3'
PCR conditions for mutant allele	Program: 15'95°;35x(1'94°,1'60°,1'72°);10'72° PCR product: ≈ 750 bp
Source of genotyping information	<b>Provider or PubMed ID: 10894163, 11971981</b>
Comments	<b>Comments</b>