



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

**GENOTYPING PROTOCOL**

EMMA ID number	<b>EM:05562</b>
Mouse mutant strain	<b>FVB.129P2-Tiam1tm1Jgc/Cnbc</b>
Gene/Locus affected	<b>Tiam1</b>
MGI ID number	<b>MGI:103306</b>
Mouse strain common name	<b>FVB-Tiam1 KO</b>
Owner/Provider of this mouse strain	<b>John Collard</b>
DNA primers for wild-type allele	Tiam KO4: 5'-TCTGAGAGTGAGAATTCC-3' Tiam KO1P: 5'-CATGGAGCAGATAAAAAGGGC-3'
PCR conditions for wild-type allele	Program: 5'94°;30x(30''94°,30''58°,30''72°);10'72° PCR product: 1000 bp
DNA primers for mutant allele	tn-lz1: 5'-CGTCACACTACGTCTGAACG-3' TN-LZ2: 5'-CGACCAGATGATCACACTCG-3'
PCR conditions for mutant allele	Program: 5'94°;30x(30''94°,30''58°,30''72°);10'72° PCR product: 500bp
Source of genotyping information	<b>Provider or PubMed ID: 12075356, 16249175, 17003780, 18592271, 17521720</b>
Comments	<b>Comments</b>