



**EMMA**  
mouse repository



**INFRAFRONTIER**  
mouse disease models

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

**GENOTYPING PROTOCOL**

EMMA ID number	<b>EM:05243</b>
Mouse mutant strain	<b>C.Cg-Tg(Tek-cre)1Ywa/JCnbc</b>
Gene/Locus affected	<b>Tg(Tek-cre)1Ywa</b>
MGI ID number	<b>MGI:2450311</b>
Mouse strain common name	<b>Tie2 Cre Balb/c (backcross of Cg-Tg(Tek-cre)1Ywa/J - Jax)</b>
Owner/Provider of this mouse strain	<b>Wouter Lamers</b>
DNA primers for wild-type allele	
PCR conditions for wild-type allele	
DNA primers for mutant allele	Tie-2_For: 5' - CGCATAACCCAGTGAAACAGCATTGC-3' Tie-2_Rev: 5' - CCCTGTGCTCAGACAGAAATGAGA-3'
PCR conditions for mutant allele	Program: 3'94°;30x(30''94°,30''58°,30''72°);1'20° PCR product: 510bp
Source of genotyping information	
Comments	