



CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node

GENOTYPING PROTOCOL

EMMA ID number	EM:05019
Mouse mutant strain	CBACa;129P2-Git2Gt(XG510)Byg/WtsiCnbc
Gene/Locus affected	Git2
MGI ID number	MGI:1347053
Mouse strain common name	Git2 genetrapp
Owner/Provider of this mouse strain	Karen Steel
DNA primers for wild-type allele	Git2-For4: 5'-CAACCATAAAATCCCCGAGTTC-3' Git2-WT-Rev: 5'-GCTCTCTCACACCCCACTGT-3'
PCR conditions for wild-type allele	Program: 5'94°;35x(30"94°,30"59°,45"72°);10'72° PCR product: 613 bp
DNA primers for mutant allele	Git2-For4: 5'-CAACCATAAAATCCCCGAGTTC-3' Git-MT-Rev-MKII: 5'-GGCCTCCAGACAAGTAGATCC-3'
PCR conditions for mutant allele	Program: 5'94°;35x(30"94°,30"59°,45"72°);10'72° PCR product: 247 bp
Source of genotyping information	Provider or PubMed ID: 12036291, 15846349, 9435277, 11753415, 522864
Comments	Comments